Metering

B-LINE SERIES

Meter mounting & distribution equipment







EATON

Powering Business Worldwide

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Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

Company History

In 1993, Eaton's B-Line Business acquired Circle AW. Our legacy includes a strong history of innovation, including the introduction of the first UL Listed meter socket in 1955, the first Class 320 Listed meter socket in 1981, and the first overhead to underground meter adapter in 2010.

Today, we are one of the largest manufacturers of quality meter mounting equipment in the United States, and continue to drive innovation through new product engineering and services.

Within this catalog, you will find the following products to support residental and commercial metering applications.

- Single Meter Sockets
- Meter Mains and Breakers
- CT Rated Meter Sockets, Test Switches, and Cabinets
- Group / Gang Meter Sockets
- Commercial Meter Sockets

For more information on meter mounting products, applications, or utility approvals, please refer to our website: www.eaton.com/metering.

EUSERC
www.euserc.com

ANSI

UL

UL Recognized Component

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www.eaton.com/metering

NOTICE

Eaton's B-Line Business reserves the right to change the specifications, materials, equipment, prices or the availability of products at any time without prior notice. While every effort has been made to assure the accuracy of information contained in this catalog at the time of publication, we are not responsible for inaccuracies resulting from undetected errors or omissions.

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..



Single Meter Sockets, Overhead / Underground, 125 & 200 Amp ..... 4 - 5
Single Meter Sockets, Underground, 125 & 200 Amp ..... 6 - 7

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

Single Meter Sockets - Without Bypass

125 & 200 Amp



011 (closed)



U204 (open)

Application

- Single meter position
- Receive ANSI C12.10 watthour meters
- Surface or flush mount (see chart)

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 414 Listed
- ANSI C12.7

Accessories

- 5th Jaw Kit - see chart
- AW Hub

Part/UPC Number	Catalog Number	Amp Rating	Jaws	Service Type	Access	Connections			Overall Dimensions			Top Provision	Knockout Layout	5th Jaw Kit
						Line	Load	Neutral	Height	Width	Depth			
78205142000	**011**	125	4	1Ø/3W	OH/UG	#8 - 2/0	#8 - 2/0	#8 - 2/0	11"	8 1/4"	3 5/8"	AW Hub	Fig.5	MSR5TK
78205142040	**011 F**	125	4	1Ø/3W	OH/UG	#14 - 2/0	#14 - 2/0	#14 - 2/0	12"	8"	4 5/8"	2" max KO	Fig. 1	50365
78205142045	**011 MS73**	125	4	1Ø/3W	OH/UG	#8 - 2/0	#8 - 2/0	#8 - 2/0	11"	8 1/4"	3 5/8"	AW Hub	Fig. 5	MSR5TK
78205142050	**011 SF**	125	4	1Ø/3W	OH/UG	#14 - 2/0	#14 - 2/0	#14 - 2/0	12"	8"	4 5/8"	None	None	50365
78205102315	**011 SS**	125	4	1Ø/3W	OH/UG	#14 - 2/0	#14 - 2/0	#14 - 2/0	12"	8"	4 5/8"	None	None	50365
79903882585	**011 SS6**	125	4	1Ø/3W	OH/UG	#14 - 2/0	#14 - 2/0	#14 - 2/0	12"	8"	4 5/8"	None	None	50365
79903882586	**011 MS25A**	125	4	1Ø/3W	OH/UG	#14 - 2/0	#14 - 2/0	#14 - 2/0	12"	8"	4 5/8"	AW Hub	Fig. 1	50365
79903856283	**011 MS25**	125	4	1Ø/3W	OH/UG	#14 - 2/0	#14 - 2/0	#14 - 2/0	12"	8"	4 5/8"	AW Hub	Fig. 1	50365
79903868944	**011 MS-18**	125	4	1Ø/3W	OH/UG	#8 - 2/0	#8 - 2/0	#8 - 2/0	11"	8 1/4"	3 5/8"	AW Hub	Fig.5	MSR5TK
79903878861	**011 SRP**	125	4	1Ø/3W	OH/UG	#8 - 2/0	#8 - 2/0	#8 - 2/0	11"	8 1/4"	3 5/8"	AW Hub	Fig.5	MSR5TK
79903878953	**011 SRP MS18**	125	4	1Ø/3W	OH/UG	#8 - 2/0	#8 - 2/0	#8 - 2/0	11"	8 1/4"	3 5/8"	AW Hub	Fig.5	MSR5TK
78205144030	**927**	100	7	3Ø/4W	OH/UG	#14 - 1/0	#14 - 2/0	#14 - 2/0	17"	8"	4 5/8"	AW Hub	Fig. 1	50365
78205156000	**204**	200	4	1Ø/3W	OH	#6 - 250MCM	#6 - 350MCM	#6 - 350MCM	15"	8"	4 5/8"	AW Hub	Fig. 2	50365
78205156020	**204 F**	200	4	1Ø/3W	OH	#6 - 250MCM	#6 - 350MCM	#6 - 350MCM	15"	8"	6"	2" max KO	Fig. 2	50365
78205108796	**204 SS**	200	4	1Ø/3W	OH	#6 - 250MCM	#6 - 350MCM	#6 - 350MCM	15"	8"	6"	None	None	50365
79903882318	**U204 PSE**	200	4	1Ø/3W	UG	#6 - 250MCM	#6 - 350MCM	#6 - 350MCM	15"	12"	6"	None	Fig. 7	50365
78205122640	**U204 F SS**	200	4	1Ø/3W	UG	#6 - 250MCM	#6 - 350MCM	#6 - 350MCM	15"	12"	6"	None	None	50365
78205134301	**U204 SS**	200	4	1Ø/3W	UG	#6 - 250MCM	#6 - 350MCM	#6 - 350MCM	15"	12"	6"	None	None	50365
78205153193	**U204 MS73 SS**	200	4	1Ø/3W	UG	#6 - 250MCM	#6 - 350MCM	#6 - 350MCM	15"	12"	6"	None	None	50365
78205156080	**U204 MS21 SS**	200	4	1Ø/3W	UG	#6 - 250MCM	#6 - 350MCM	#6 - 350MCM	15"	12"	6"	None	None	50365
78205156030	**204 F MS73**	200	4	1Ø/3W	OH	#6 - 250MCM	#6 - 350MCM	#6 - 350MCM	15"	8"	6"	2" max KO	Fig. 2	50365
78205156040	**204 MS68**	200	4	1Ø/3W	OH	#6 - 250MCM	#6 - 350MCM	#6 - 350MCM	15"	8"	4 5/8"	AW / 2" Hub	Fig. 2	50365
78205156035	**204 MS68A**	200	4	1Ø/3W	OH	#6 - 250MCM	#6 - 350MCM	#6 - 350MCM	15"	8"	4 5/8"	AW / 2" Hub	Fig. 2	50365
78205108490	**204 MS73**	200	4	1Ø/3W	OH	#6 - 250MCM	#6 - 350MCM	#6 - 350MCM	15"	8"	4 5/8"	AW Hub	Fig. 2	50365
78205156005	**U204**	200	4	1Ø/3W	UG	#6 - 350MCM	#6 - 350MCM	#6 - 350MCM	15 1/8"	11 1/4"	4 1/2"	None	Fig. 6	MSR5TK
78205156045	**U204 F**	200	4	1Ø/3W	OH/UG	#6 - 250MCM	#6 - 350MCM	#6 - 350MCM	15"	12"	6"	(2) 2" max KO	Fig. 3	50365
78205156060	**U204 MS21**	200	4	1Ø/3W	OH/UG	#6 - 350MCM	#6 - 350MCM	#6 - 350MCM	15 1/8"	11 1/4"	4 1/2"	AW / Cap	Fig. 6	MSR5TK
78205156060	**U204 F MS73**	200	4	1Ø/3W	UG	#6 - 250MCM	#6 - 350MCM	#6 - 350MCM	15"	12"	6"	None	Fig. 3	50365
78205156070	**U204 MS73**	200	4	1Ø/3W	OH/UG	#6 - 350MCM	#6 - 350MCM	#6 - 350MCM	15 1/8"	11 1/4"	4 1/2"	(2) 2" max KO	Fig. 6	MSR5TK
78205156140	**U207**	200	7	3Ø/4W	OH/UG	#6 - 250MCM	#6 - 250MCM	#6 - 250MCM	18"	12"	5"	AW Hub	Fig. 4	50365
78205156170	**U207 F**	200	7	3Ø/4W	OH/UG	#6 - 250MCM	#6 - 250MCM	#6 - 250MCM	18"	12"	5"	2 1/2" max KO	Fig. 4	50365
78205156180	**U207 MS73**	200	7	3Ø/4W	OH/UG	#6 - 250MCM	#6 - 250MCM	#6 - 250MCM	18"	12"	5"	AW Hub	Fig. 4	50365

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

125 & 200 Amp

Style #
011
(U) 207
(U) 204
(U) 207
(U) 207
927

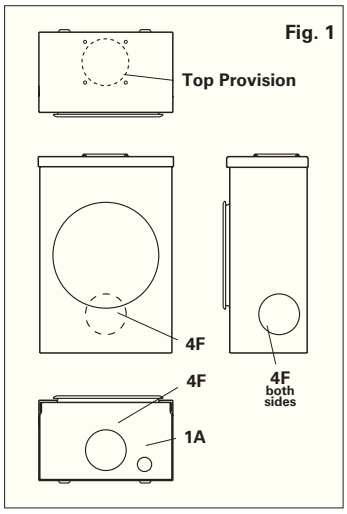
Suffixes
F - Flush Mount
MS18 - Lexan Cover
MS21 - Top Hub Provision
MS25 - Solar Ready
MS25A - MS25 + MS18
MS68 - 2" Conduit Hub
MS68A - MS73 + MS68
MS73 - AL Screw Type Ring
SF - Semi Flush Mount
SS - Stainless Steel 304 *
SS6 - Stainless Steel 316 *

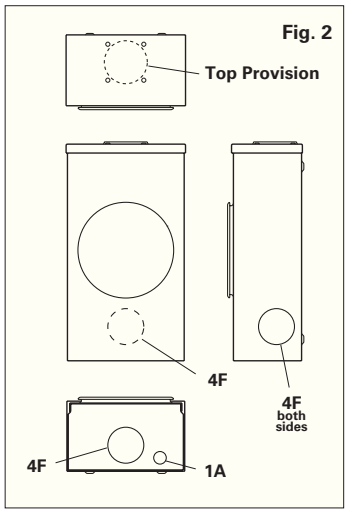
Knockouts - Conduit Sizes

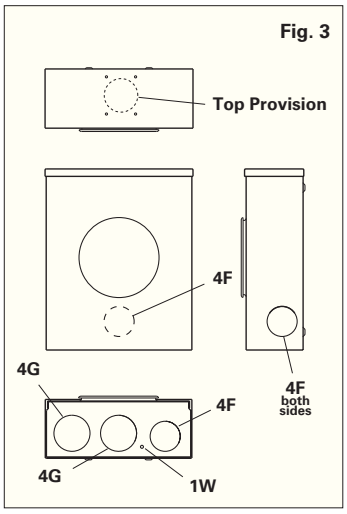
1W = ¼"
1A = ½"
2A = ½" - ¼"
4D = 1¼" - 1" - ¾" - ½"
4E = 1½" - 1¼" - 1" - ¾"
4F = 2" - 1½" - 1¼" - 1"
4G = 2½" - 2" - 1½" - 1¼"
4H - 3" - 2½" - 2" - 1½"
6G = 2½" - 2" - 1½" - 1¼" - 1" - ¾"
Top Provision = See Chart

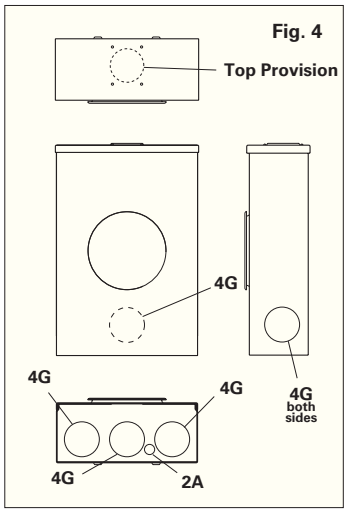
* Knockouts and top provisions are not available in Stainless Steel (SS) finish

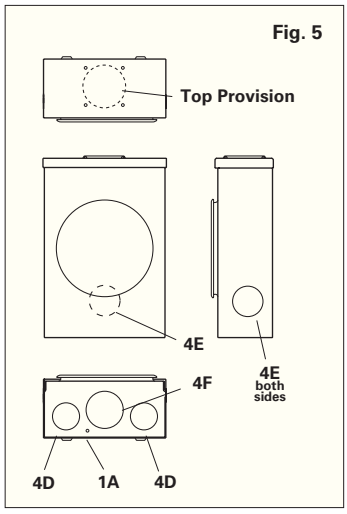
Knockout Layouts

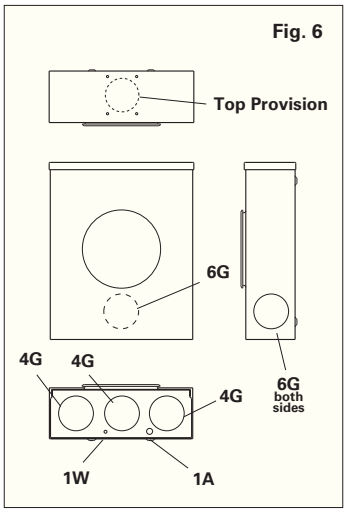


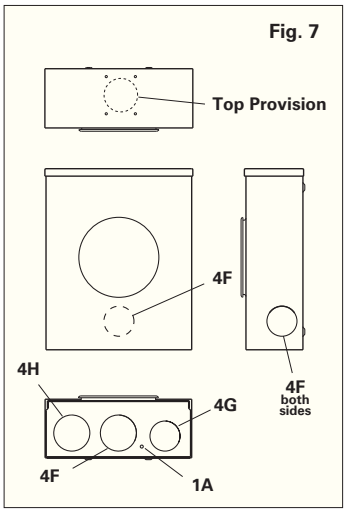












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Single Meter Sockets - Without Bypass

125 & 200 Amp



UG204 (closed)



UG204 (open)

Application
- Dedicated straight wire line section
- Receive ANSI C12.10 watthour meters
- Surface or flush mount (see chart)

Construction
- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards
- UL 414 Listed
- ANSI C12.7
- EUSERC 301A

Accessories
- 5th Jaw Kit - 50365
- AW Hub

Part/UPC Number	Catalog Number	Amp Rating	Jaws	Service Type	Access	Connections Line	Connections Load	Connections Neutral
78205142030	**U011 ***	125	4	1Ø/3W	UG	#14 - 2/0	#14 - 2/0	#14 - 2/0
78205156200	**UG204**	200	4	1Ø/3W	UG	#6 - 350 MCM	#6 - 250 MCM	#6 - 250 MCM
78205156205	**UG204 F**	200	4	1Ø/3W	UG	#6 - 350 MCM	#6 - 250 MCM	#6 - 250 MCM
78205126000	**UG204 F SS**	200	4	1Ø/3W	UG	#6 - 350 MCM	#6 - 250 MCM	#6 - 250 MCM
78205126005	**UG204 SS**	200	4	1Ø/3W	UG	#6 - 350 MCM	#6 - 250 MCM	#6 - 250 MCM

Part/UPC Number	Catalog Number	Overall Dimensions Height	Overall Dimensions Width	Overall Dimensions Depth	Top Provision	Knockout Layout
78205142030	**U011 ***	12"	12"	4 5/8"	None	Fig. 1
78205156200	**UG204**	17"	14"	4 5/8"	None	Fig. 2
78205156205	**UG204 F**	17"	14"	6"	2" max KO	Fig. 3
78205126000	**UG204 F SS**	17"	14"	6"	2" max KO	Fig. 3
78205126005	**UG204 SS**	17"	14"	4 5/8"	None	Fig. 2

* NOT compliant with EUSERC 301A

AIC Note:
For short circuit current ratings see page 124.

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

125 & 200 Amp

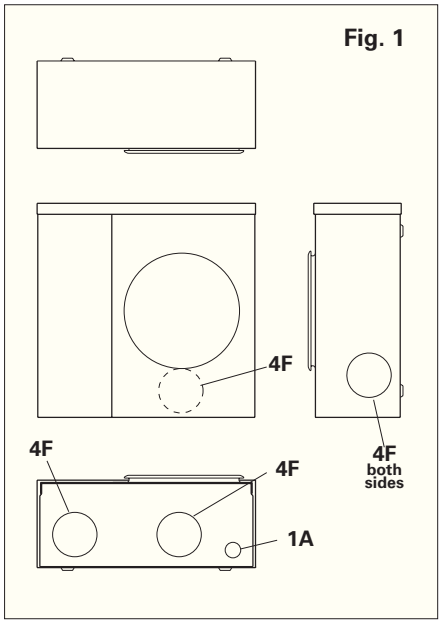
Style #	Suffixes
U011 UG204	F - Flush Mount SS - Stainless Steel 304 * SS6 - Stainless Steel 316 *

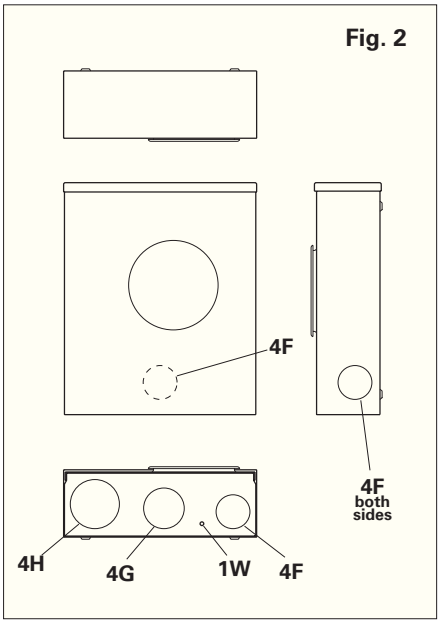
Knockouts - Conduit Sizes

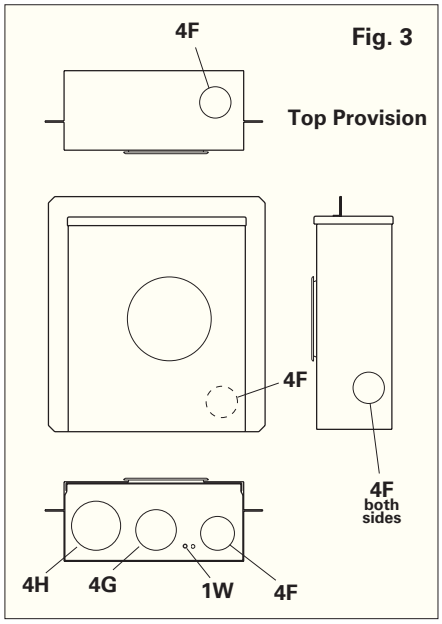
1A = ½"
4F = 2" - 1½" - 1¼" - 1"
4G = 2½" - 2" - 1½" - 1¼"
4H = 3" - 2½" - 2" - 1½"
1W = ¼"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts







Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

Notes

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..



Meter Mains, Without Bypass, 100 & 200 Amp ..... 10 - 12
Breaker Data 13
Wiring Diagrams ..... 14 - 15

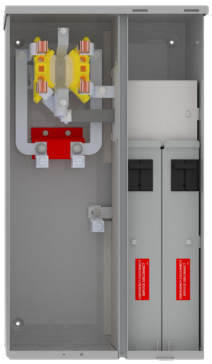
Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

Meter Mains - Without Bypass

100 & 200 Amp



1M1R (closed)



U2M11R (open)

Application

- Single meter position
- Receive ANSI C12.10 watthour meters
- Surface or flush mount (see chart)

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 67 Listed
- ANSI C12.7
- EUSERC 301 (Only UG versions marked with *)
- NEC 2020 compliant (except catalog numbers marked †)

Accessories

- AW Hub

Part/UPC Number	Catalog Number	Amp Rating	Jaws	Service Type	Access	Main Breaker			
						Voltage	AIC	Main	Provisions
78205143000	**1M1R**	100	4	1Ø/3W	OH	120/240	10K	(1) 100A, 2P	--
78205143020	**1M1R7**	100	7	3Ø/4W	OH	120/240 & 120/208	10K	(1) 100A, 3P	--
78205143025	**1M1RP †**	100	4	1Ø/3W	OH	120/240	10K	(1) 100A, 2P	(1) 2P
78205158000	**2M11R**	200	4	1Ø/3W	OH	120/240	10K	(2) 100A, 2P	--
78205157020	**2M211R**	200	4	1Ø/3W	OH	120/240	10K	(1) 200A, 2P & (2) 100A, 2P	--
78205157010	**2M25R †**	200	4	1Ø/3W	OH	120/240	10K	(1) 200A, 2P & (1) 50A, 2P	--
78205157000	**2M2R**	200	4	1Ø/3W	OH	120/240	10K	(1) 200A, 2P	--
78205157065	**2M2R7**	200	7	3Ø/4W	OH	120/240 & 120/208	10K	(1) 200A, 3P	--
78205157005	**2M2RP †**	200	4	1Ø/3W	OH	120/240	10K	(1) 200A, 2P	(1) 2P
78205143060	**U1M1R ***	100	4	1Ø/3W	UG	120/240	10K	(1) 100A, 2P	--
78205143080	**U1M1R7 ***	100	7	3Ø/4W	UG	120/240 & 120/208	10K	(1) 100A, 3P	--
78205143090	**U1M1RP * †**	100	4	1Ø/3W	UG	120/240	10K	(1) 100A, 2P	(1) 2P
78205158060	**U2M11R ***	200	4	1Ø/3W	UG	120/240	10K	(2) 100A, 2P	--
78205157040	**U2M211R ***	200	4	1Ø/3W	UG	120/240	10K	(1) 200A, 2P & (2) 100A, 2P	--
78205157037	**U2M25R * †**	200	4	1Ø/3W	UG	120/240	10K	(1) 200A, 2P & (1) 50A, 2P	--
78205157030	**U2M2R ***	200	4	1Ø/3W	UG	120/240	10K	(1) 200A, 2P	--
78205157085	**U2M2R7 ***	200	7	3Ø/4W	UG	120/240 & 120/208	10K	(1) 200A, 3P	-
78205157035	**U2M2RP * †**	200	4	1Ø/3W	UG	120/240	10K	(1) 200A, 2P	(1) 2P

Part/UPC Number	Catalog Number	Connections			Overall Dimensions			Top Provision	Knockout Layout
		Line	Load	Neutral	Height	Width	Depth		
78205143000	**1M1R**	#14 - 2/0	MCB	#14 - 2/0	24"	8"	4 5/8"	AW Hub	Fig. 1
78205143020	**1M1R7**	#14 - 1/0	MCB	#14 - 2/0	24"	8"	4 5/8"	AW Hub	Fig. 2
78205143025	**1M1RP †**	#14 - 2/0	MCB	#14 - 2/0	24"	8"	4 5/8"	AW Hub	Fig. 1
78205158000	**2M11R**	#6 - 250 MCM	MCB	#6 - 250 MCM	32"	8"	4 5/8"	AW Hub	Fig. 3
78205157020	**2M211R**	#6 - 250 MCM	MCB	#6 - 250 MCM	36"	8"	4 5/8"	AW Hub	Fig. 3
78205157010	**2M25R †**	#6 - 250 MCM	MCB	#6 - 250 MCM	32"	8"	4 5/8"	AW Hub	Fig. 1
78205157000	**2M2R**	#6 - 250 MCM	MCB	#6 - 250 MCM	32"	8"	4 5/8"	AW Hub	Fig. 2
78205157065	**2M2R7**	#6 - 250 MCM	MCB	#6 - 250 MCM	36"	10"	5"	AW Hub	Fig. 4
78205157005	**2M2RP †**	#6 - 250 MCM	MCB	#6 - 250 MCM	32"	8"	4 5/8"	AW Hub	Fig. 2
78205143060	**U1M1R ***	#14 - 2/0	MCB	#14 - 2/0	24"	14"	4 5/8"	None	Fig. 5
78205143080	**U1M1R7 ***	#14 - 1/0	MCB	#14 - 2/0	24"	14"	4 5/8"	None	Fig. 6
78205143090	**U1M1RP * †**	#14 - 2/0	MCB	#14 - 2/0	24"	14"	4 5/8"	None	Fig. 5
78205158060	**U2M11R ***	#6 - 250 MCM	MCB	#6 - 250 MCM	25"	14"	6"	None	Fig. 7
78205157040	**U2M211R ***	#6 - 250 MCM	MCB	#6 - 250 MCM	27"	14"	6"	None	Fig. 7
78205157037	**U2M25R * †**	#6 - 250 MCM	MCB	#6 - 250 MCM	25"	14"	6"	None	Fig. 8
78205157030	**U2M2R ***	#6 - 250 MCM	MCB	#6 - 250 MCM	25"	14"	6"	None	Fig. 8
78205157085	**U2M2R7 ***	#6 - 250 MCM	MCB	#6 - 250 MCM	30"	17"	5"	None	Fig. 9
78205157035	**U2M2RP * †**	#6 - 250 MCM	MCB	#6 - 250 MCM	25"	14"	6"	None	Fig. 8

MCB - Main Circuit Breaker

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

100 & 200 Amp

Style #	Suffixes
(U)1M1R	F - Flush Mount
(U)1M1R7	MS20 - Ring Protector
(U)1M1RP	MS43 - No Breaker Included
(U)2M2R	SS - Stainless Steel 304 *
(U)2M2R7	SS6 - Stainless Steel 316 *
(U)2M2RP	
(U)2M11R	
(U)2M25R	
(U)2M211R	

Knockouts - Conduit Sizes

1A = ½"
4D = 1¼" - 1" - ¾" - ½"
4E = 1½" - 1¼" - 1" - ¾"
4F = 2" - 1½" - 1¼" - 1"
4G = 2½" - 2" - 1½" - 1¼"
4H = 3" - 2½" - 2" - 1½"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts

Fig. 1

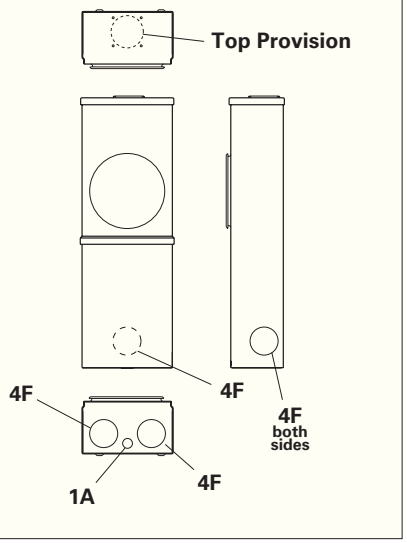


Fig. 2

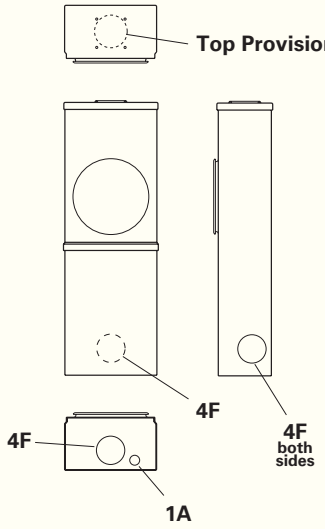


Fig. 3

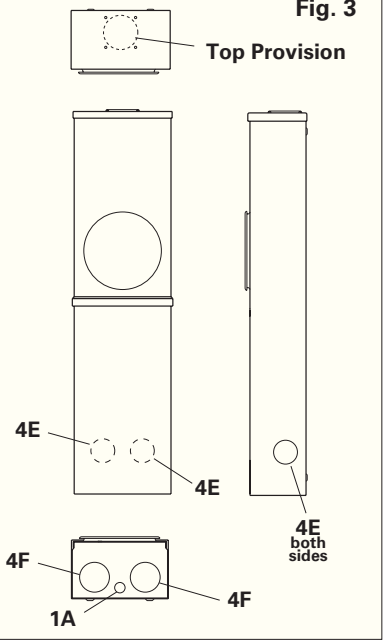


Fig. 4

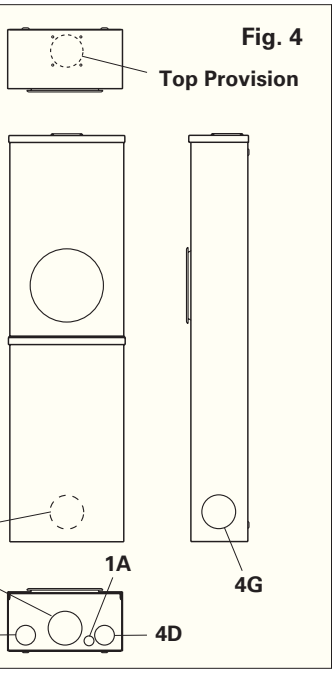
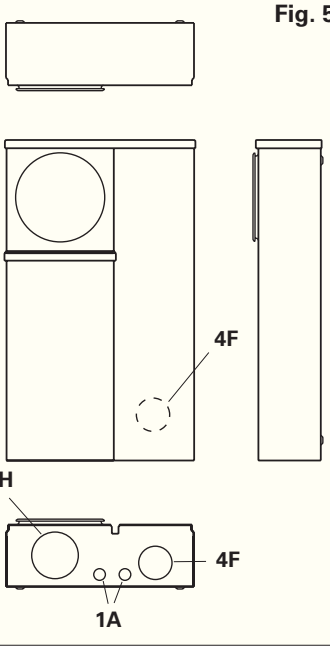


Fig. 5



Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

100 & 200 Amp

Style #	Suffixes
(U)1M1R	F - Flush Mount
(U)1M1R7	MS20 - Ring Protector
(U)1M1RP	MS43 - No Breaker Included
(U)2M2R	SS - Stainless Steel 304 *
(U)2M2R7	SS6 - Stainless Steel 316 *
(U)2M2RP	
(U)2M11R	
(U)2M25R	
(U)2M211R	

Knockouts - Conduit Sizes

1A = ½"
4D = 1¼" - 1" - ¾" - ½"
4E = 1½" - 1¼" - 1" - ¾"
4F = 2" - 1½" - 1¼" - 1"
4G = 2½" - 2" - 1½" - 1¼"
4H = 3" - 2½" - 2" - 1½"
1W = ¼"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts

Fig. 6

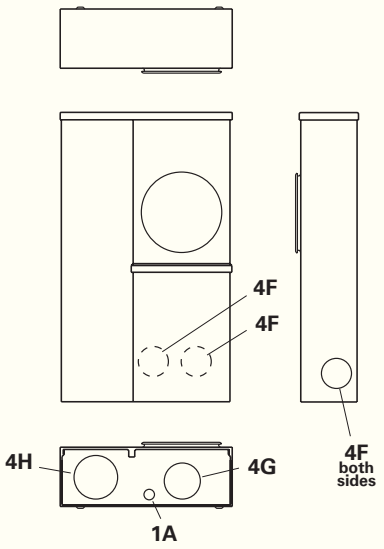


Fig. 7

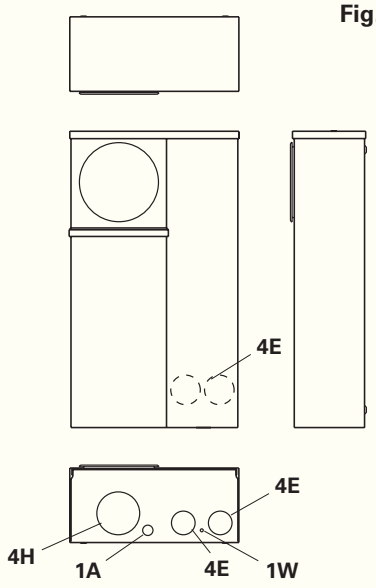


Fig. 8

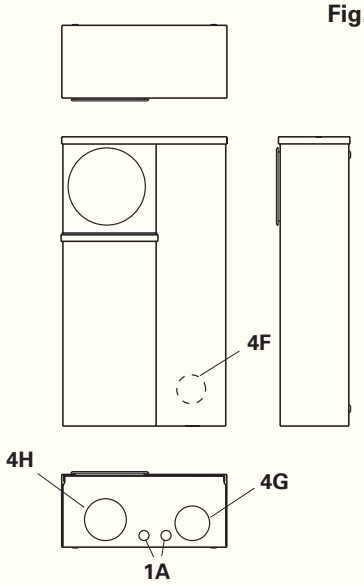
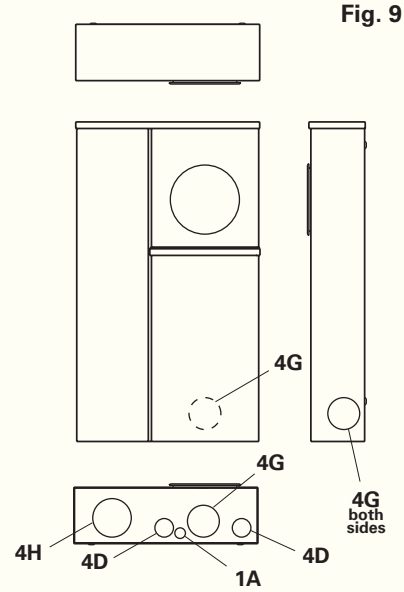


Fig. 9



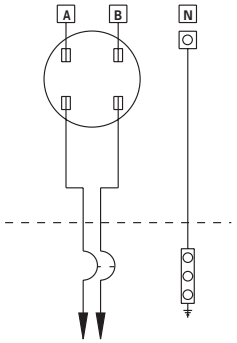
Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

Breaker Data

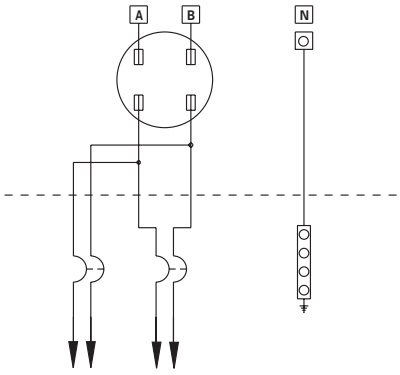
Breaker Data

Catalog Number	B-Line Breaker #	Eaton Breaker #	Ampacity	# of Poles	AIC
U1M1R	28108	BR2100	100A	2P	10K
U1M1RP	28108	BR2100	100A	2P	10K
U1M1R7	28108	BR3100	100A	3P	10K
U2M2R	36331A	CCV2200	200A	2P	10K
U2M25R	36331A, 28108	CCV2200, BR250	200A, 50A	2P	10K
U2M11R	28108 (2)	BR2100 (2)	100A	2P	10K
U2M2R7	36314A	CCV3200	200A	3P	10K
U2M2RP	36331A	CCV2200	200A	2P	10K
U2M211R	36331A, 28108 (2)	CCV2200, BR2100 (2)	200A, 100A (2)	2P	10K

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

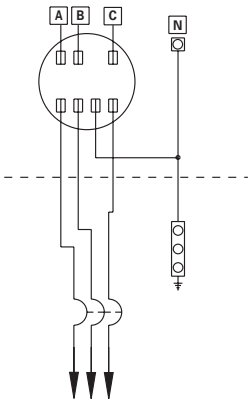


Catalog #
1M1R
2M2R

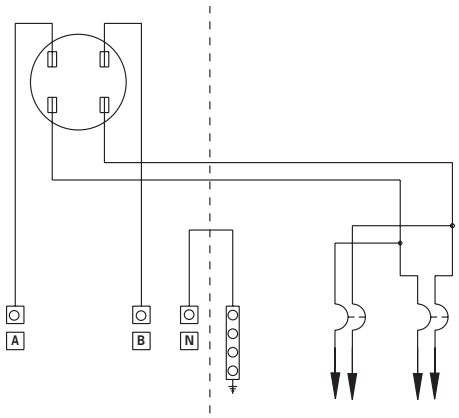


The sum of disconnects ampere rating cannot exceed 125% of the continuous ampere rating of the socket.

Catalog #
1M1RP
2M25R
2M2RP
2M11R

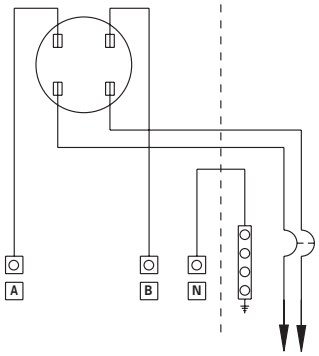


Catalog #
1M1R7
2M2R7

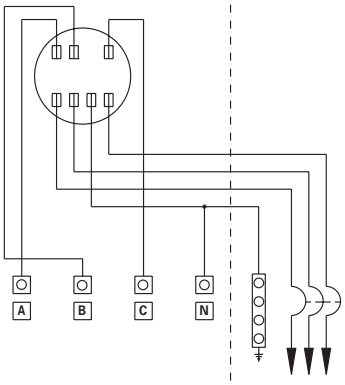


The sum of disconnects ampere rating cannot exceed 125% of the continuous ampere rating of the socket.

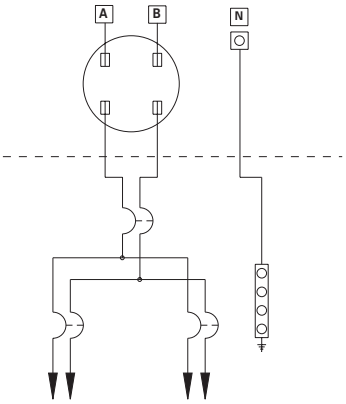
Catalog #
U1M1RP
U2M25R
U2M2RP
U2M11R



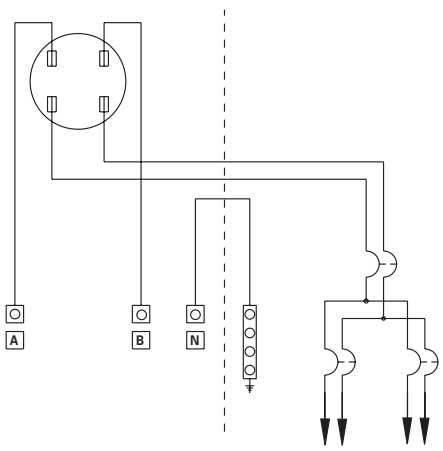
Catalog #
U1M1R
U2M2R



Catalog #
U1M1R7
U2M2R7



Catalog #
2M211R



Catalog #
U2M211R

Notes





Single Meter Sockets, With MCC Bypass, 100 & 200 Amp ..... 18 - 19

Single Meter Sockets - With MCC Bypass

100 & 200 Amp



U121314 (closed)



U121314 (open)

Application

- Manual circuit closing (link type) bypass under separate cover
- Receive ANSI C12.10 watthour meters
- Surface or flush mount (see chart)

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 414 Listed
- ANSI C12.7

Accessories

- AW Hubs

Part/UPC Number	Catalog Number	Amp Rating	Jaws	Service Type	Access	Bypass	Connections Line	Connections Load	Connections Neutral
78205147060	**U121314**	100	4	1Ø/3W	OH/UG	MCC	#14 - 2/0	#14 - 2/0	#14 - 2/0
78205147062	**U121314 F**	100	4	1Ø/3W	OH/UG	MCC	#14 - 2/0	#14 - 2/0	#14 - 2/0
78205147070	**U121315**	100	5	1Ø/3W	OH/UG	MCC	#14 - 2/0	#14 - 2/0	#14 - 2/0
78205147072	**U121315 F**	100	5	1Ø/3W	OH/UG	MCC	#14 - 2/0	#14 - 2/0	#14 - 2/0
78205147080	**U121317**	100	7	3Ø/4W	OH/UG	MCC	#14 - 1/0	#14 - 2/0	#14 - 2/0
78205147082	**U121317 F**	100	7	3Ø/4W	OH/UG	MCC	#14 - 1/0	#14 - 2/0	#14 - 2/0
78205160000	**U264**	200	4	1Ø/3W	OH/UG	MCC	#6 - 250MCM	#6 - 250MCM	#6 - 250MCM
78205160060	**U264 F**	200	4	1Ø/3W	OH/UG	MCC	#6 - 250MCM	#6 - 250MCM	#6 - 250MCM
78205160020	**U267**	200	7	3Ø/4W	OH/UG	MCC	#6 - 250MCM	#6 - 250MCM	#6 - 250MCM
78205160080	**U267 F**	200	7	3Ø/4W	OH/UG	MCC	#6 - 250MCM	#6 - 250MCM	#6 - 250MCM

Part/UPC Number	Catalog Number	Overall Dimensions Height	Overall Dimensions Width	Overall Dimensions Depth	Top Provision	Knockout Layout
78205147060	**U121314**	17"	9 2/3"	4 5/8"	AW Hub	Fig. 1
78205147062	**U121314 F**	17"	9 2/3"	4 5/8"	2" max KO	Fig. 1
78205147070	**U121315**	17"	9 2/3"	4 5/8"	AW Hub	Fig. 1
78205147072	**U121315 F**	17"	9 2/3"	4 5/8"	2" max KO	Fig. 1
78205147080	**U121317**	20"	9 2/3"	4 5/8"	AW Hub	Fig. 1
78205147082	**U121317 F**	20"	9 2/3"	4 5/8"	2" max KO	Fig. 1
78205160000	**U264**	23"	12"	4 5/8"	AW Hub	Fig. 2
78205160060	**U264 F**	23"	12"	4 5/8"	(2) 2" max KO	Fig. 2
78205160020	**U267**	23"	12"	4 5/8"	AW Hub	Fig. 3
78205160080	**U267 F**	23"	12"	4 5/8"	2 1/2" max KO	Fig. 3

AIC Note:
For short circuit current ratings see page 124.

100 & 200 Amp

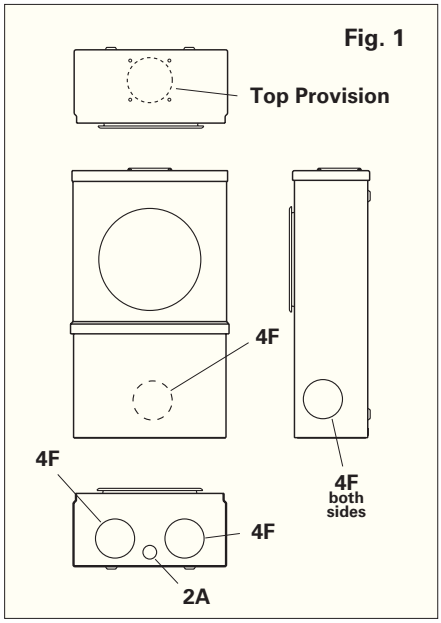
Style #	Suffixes
(U) 121314	F - Flush Mount
(U) 121315	MS20 - Ring Protector
(U) 121317	MS73 - All Screw Type Ring
(U) 264	SS - Stainless Steel 304 *
(U) 267	SS6 - Stainless Steel 316 *

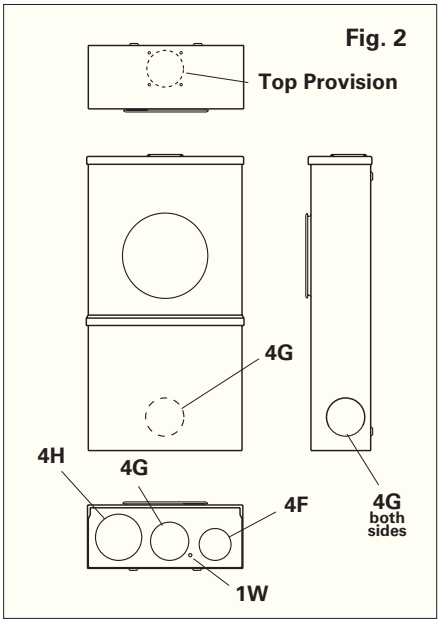
Knockouts - Conduit Sizes

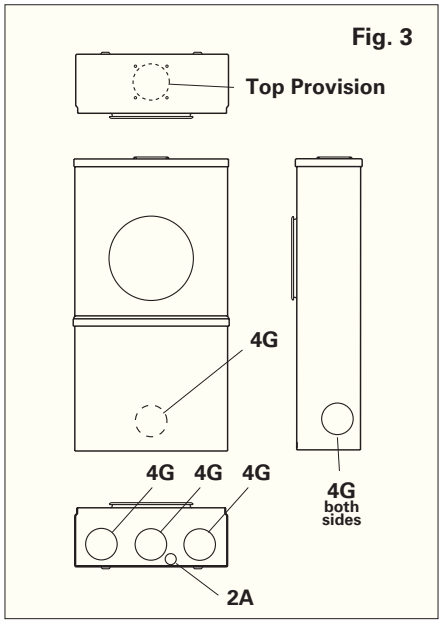
2A = ½" - ¼"
4F = 2" - 1½" - 1¼" - 1"
4G = 2½" - 2" - 1½" - 1¼"
4H = 3" - 2½" - 2" - 1½"
1W = ¼"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts







Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

Notes



Single Meter Sockets, With Safety Socket Bypass, 100 & 200 Amp ..... 22 - 23
Meter Mains, With Safety Socket Bypass, 100 Amp - 10K AIC ..... 24 - 25
Meter Mains, With Safety Socket Bypass, 100 Amp - 22K-65K AIC ..... 26 - 27
Meter Mains, With Safety Socket Bypass, 100 Amp - Fusible Pullout ..... 28 - 29
Meter Mains Load Center With Safety Socket Bypass, 100 Amp ..... 30 - 31
Meter Mains, With Safety Socket Bypass, 200 Amp - 10K AIC ..... 32 - 33
Meter Mains, With Safety Socket Bypass, 200 Amp - 22K-65K AIC ..... 34 - 35
Meter Mains, With Safety Socket Bypass, 200 Amp - Fused Pullout ..... 36 - 37
Meter Mains Load Center With Safety Socket Bypass, 200 Amp ..... 38 - 39
Test Block Bypass - Metering Breaker Data 40
Wiring Diagrams ..... 41 - 44
Test Block Bypass - Safety Socket Bypass Instructions 45

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

Single Meter Sockets - With Safety Socket Bypass

100 & 200 Amp



117TB (closed)



117TB (open)

Application

- Safety socket bypass (test block bypass) under separate cover
- Receive ANSI C12.10 watthour meters
- Surface mount

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 414 Listed
- ANSI C12.7
- EUSERC 304 & 305

Accessories

- 5th Jaw Kit - 50371
- Bussed Gutters - see page 50
- AW Hubs

Part/UPC Number	Catalog Number	Amp Rating	Jaws	Service Type	Access	Bypass	Connections Line	Connections Load	Connections Neutral
78205147005	**114 TB** *	100	4	1Ø/3W	OH/UG	TB	#14 - 2/0	14 - 2/0	#14 - 1/0
78205147025	**115 TB** *	100	5	3Ø/3W	OH/UG	TB	#14 - 2/0	14 - 2/0	#14 - 1/0
78205147030	**117 TB** *	100	7	3Ø/4W	OH/UG	TB	#14 - 2/0	14 - 2/0	#14 - 1/0
78205159005	**124 TB** **	200	4	1Ø/3W	OH/UG	TB	#6 - 250 MCM	#6 - 250 MCM	1/0 - 250 MCM
78205159025	**125 TB** **	200	5	3Ø/3W	OH/UG	TB	#6 - 250 MCM	#6 - 250 MCM	1/0 - 250 MCM
78205159035	**127 TB** **	200	7	3Ø/4W	OH/UG	TB	#6 - 250 MCM	#6 - 250 MCM	1/0 - 250 MCM

Part/UPC Number	Catalog Number	Overall Dimensions Height	Overall Dimensions Width	Overall Dimensions Depth	Top Provision	Knockout Layout
78205147005	**114 TB** *	24"	12"	4 5/8"	AW Hub	Fig. 1
78205147025	**115 TB** *	24"	12"	4 5/8"	AW Hub	Fig. 1
78205147030	**117 TB** *	24"	12"	4 5/8"	AW Hub	Fig. 1
78205159005	**124 TB** **	30"	14"	6"	AW Hub	Fig. 2
78205159025	**125 TB** **	30"	14"	6"	AW Hub	Fig. 2
78205159035	**127 TB** **	30"	14"	6"	AW Hub	Fig. 2

* 100 Amp units compliant with EUSERC 304

** 200 Amp units compliant with EUSERC 305

100 & 200 Amp

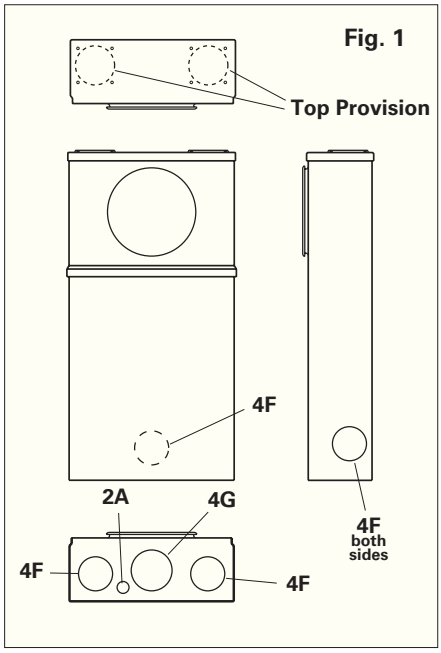
Style #	Suffixes
114 TB	F - Flush Mount
115 TB	MS20 - Ring Protector
117 TB	MS28 - Barriers on both sides of test block
124 TB	SS - Stainless Steel 304 *
125 TB	SS6 - Stainless Steel 316 *
127 TB	

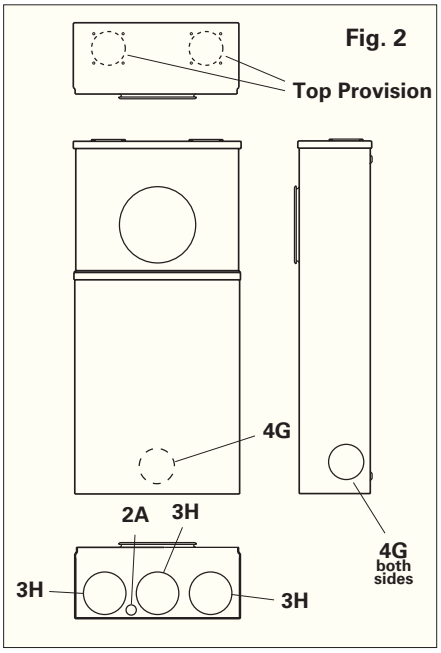
Knockouts - Conduit Sizes

2A = ½" - ¼"
4F = 2" - 1½" - 1¼" - 1"
4G = 2½" - 2" - 1½" - 1¼"
3H = 3" - 2½" - 2"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts





Meter Mains - With Safety Socket Bypass

100 Amp - 10K AIC



214 MTB (closed)



U214 MTB (open)

Application

- Combination meter/main with safety socket (test block) bypass
- Factory installed breaker
- Receive ANSI C12.10 watthour meters
- Surface mount

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 67 Listed
- ANSI C12.7
- EUSERC 305A

Accessories

- 5th Jaw Kit - 50371
- Bussed Gutters - see page 50
- AW Hubs

Part/UPC Number	Catalog Number	Amp Rating	Jaws	Service Type	Access	Main Breaker Voltage	Main Breaker AIC	Main Breaker Main	Bypass
78205145022	**214 MTB**	100	4	1Ø/3W	OH	120/240	10K	(1) 100A, 2P	TB
78205145032	**214 MTB MS15**	100	4	1Ø/3W	OH	240/480	10K	(1) 100A, 2P	TB
78205145052	**215 MTB**	100	5	3Ø/3W	OH	240*	10K	(1) 100A, 3P	TB
78205145060	**215 MTB MS15**	100	5	3Ø/3W	OH	480*	10K	(1) 100A, 3P	TB
78205145072	**217 MTB**	100	7	3Ø/4W	OH	120/240 & 120/208	10K	(1) 100A, 3P	TB
78205145078	**217 MTB MS15**	100	7	3Ø/4W	OH	277/480	10K	(1) 100A, 3P	TB
78205145012	**U214 MTB**	100	4	1Ø/3W	OH/UG	120/240	10K	(1) 100A, 2P	TB
78205145112	**U214 MTB MS15**	100	4	1Ø/3W	OH/UG	240/480	10K	(1) 100A, 2P	TB
78205145142	**U215 MTB**	100	5	3Ø/3W	OH/UG	240*	10K	(1) 100A, 3P	TB
78205145150	**U215 MTB MS15**	100	5	3Ø/3W	OH/UG	480*	10K	(1) 100A, 3P	TB
78205145152	**U217 MTB**	100	7	3Ø/4W	OH/UG	120/240 & 120/208	10K	(1) 100A, 3P	TB
78205145158	**U217 MTB MS15**	100	7	3Ø/4W	OH/UG	277/480	10K	(1) 100A, 3P	TB

* For a 208/120V or 480/277V, order a 4 jaw unit and a 5th jaw kit

Part/UPC Number	Catalog Number	Connections Line	Connections Load	Connections Neutral	Overall Dimensions Height	Overall Dimensions Width	Overall Dimensions Depth	Top Provision	Knockout Layout
78205145022	**214 MTB**	#14 - 2/0	MCB	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205145032	**214 MTB MS15**	#14 - 2/0	MCB	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205145052	**215 MTB**	#14 - 2/0	MCB	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205145060	**215 MTB MS15**	#14 - 2/0	MCB	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205145072	**217 MTB**	#14 - 2/0	MCB	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205145078	**217 MTB MS15**	#14 - 2/0	MCB	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205145012	**U214 MTB**	#14 - 2/0	MCB	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2
78205145112	**U214 MTB MS15**	#14 - 2/0	MCB	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2
78205145142	**U215 MTB**	#14 - 2/0	MCB	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2
78205145150	**U215 MTB MS15**	#14 - 2/0	MCB	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2
78205145152	**U217 MTB**	#14 - 2/0	MCB	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2
78205145158	**U217 MTB MS15**	#14 - 2/0	MCB	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2

MCB - Main Circuit Breaker

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

100 Amp - 10K AIC

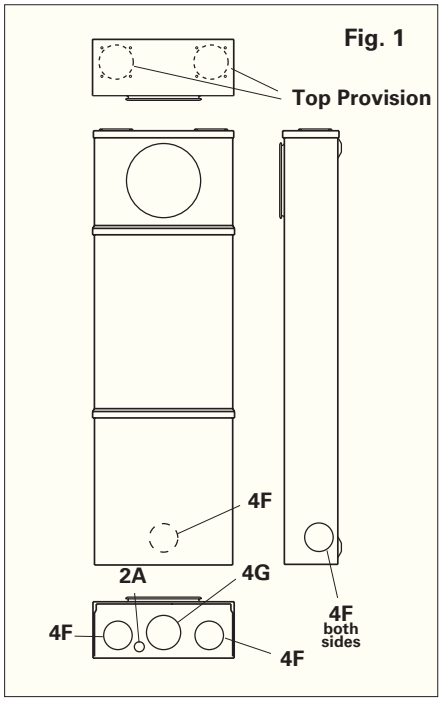
Style #	Suffixes
(U) 214 MTB	MS15 - 480V Breaker
(U) 215 MTB	MS43 - No Breaker Included
(U) 217 MTB	SS - Stainless Steel 304 *
	SS6 - Stainless Steel 316 *

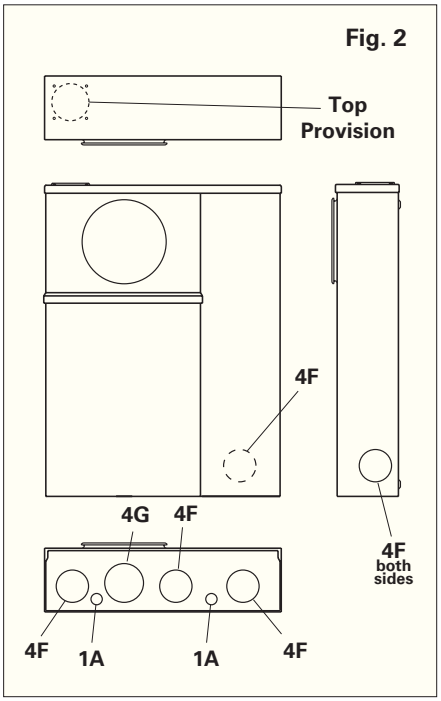
Knockouts - Conduit Sizes

1A = ½"
2A = ½" - ¼"
4F = 2" - 1½" - 1¼" - 1"
4G = 2½" - 2" - 1½" - 1¼"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts





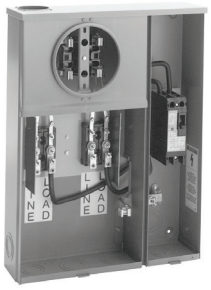
Note: Top hubs to be used for line feed only.

Meter Mains - With Safety Socket Bypass

100 Amp - 22K - 65K AIC



214 MTBH (open)



U214 MTBH (open)

Application

- Combination meter/main with safety socket (test block) bypass
- Factory installed breaker
- Receive ANSI C12.10 watthour meters
- Surface mount

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 67 Listed
- ANSI C12.7
- EUSERC 305A

Accessories

- 5th Jaw Kit - 50371
- Bussed Gutters - see page 50
- AW Hubs

Part/UPC Number	Catalog Number	Amp Rating	Jaws	Service Type	Access	Main Breaker			Bypass
						Voltage	AIC	Main	
78205145030	**214 MTBH**	100	4	1Ø/3W	OH	120/240	65K	(1) 100A, 2P	TB
78205159300	**214 MTBH MS15**	100	4	1Ø/3W	OH	240/480	42K	(1) 100A, 2P	TB
78205145028	**214 MTBH MS45**	100	4	1Ø/3W	OH	120/240	22K	(1) 100A, 2P	TB
78205145058	**215 MTBH**	100	5	3Ø/3W	OH	240*	65K	(1) 100A, 3P	TB
78205159302	**215 MTBH MS15**	100	5	3Ø/3W	OH	480*	42K	(1) 100A, 3P	TB
78205145056	**215 MTBH MS45**	100	5	3Ø/3W	OH	240*	22K	(1) 100A, 3P	TB
78205145076	**217 MTBH**	100	7	3Ø/4W	OH	120/240 & 120/208	65K	(1) 100A, 3P	TB
78205159304	**217 MTBH MS15**	100	7	3Ø/4W	OH	480/277	42K	(1) 100A, 3P	TB
78205145074	**217 MTBH MS45**	100	7	3Ø/4W	OH	120/240 & 120/208	22K	(1) 100A, 3P	TB
78205145110	**U214 MTBH**	100	4	1Ø/3W	OH/UG	120/240	65K	(1) 100A, 2P	TB
78205159200	**U214 MTBH MS15**	100	4	1Ø/3W	OH/UG	240/480	42K	(1) 100A, 2P	TB
78205145108	**U214 MTBH MS45**	100	4	1Ø/3W	OH/UG	120/240	22K	(1) 100A, 2P	TB
78205145148	**U215 MTBH**	100	5	3Ø/3W	OH/UG	240*	65K	(1) 100A, 3P	TB
78205159202	**U215 MTBH MS15**	100	5	3Ø/3W	OH/UG	480*	42K	(1) 100A, 3P	TB
78205145146	**U215 MTBH MS45**	100	5	3Ø/3W	OH/UG	240*	22K	(1) 100A, 3P	TB
78205145156	**U217 MTBH**	100	7	3Ø/4W	OH/UG	120/240 & 120/208	65K	(1) 100A, 3P	TB
78205159204	**U217 MTBH MS15**	100	7	3Ø/4W	OH/UG	480/277	42K	(1) 100A, 3P	TB
78205145154	**U217 MTBH MS45**	100	7	3Ø/4W	OH/UG	120/240 & 120/208	22K	(1) 100A, 3P	TB

* For a 208/120V or 480/277V, order a 4 jaw unit and a 5th jaw kit

Part/UPC Number	Catalog Number	Connections			Overall Dimensions			Top Provision	Knockout Layout
		Line	Load	Neutral	Height	Width	Depth		
78205145030	**214 MTBH**	#14 - 2/0	MCB	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205159300	**214 MTBH MS15**	#14 - 2/0	MCB	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205145028	**214 MTBH MS45**	#14 - 2/0	MCB	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205145058	**215 MTBH**	#14 - 2/0	MCB	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205159302	**215 MTBH MS15**	#14 - 2/0	MCB	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205145056	**215 MTBH MS45**	#14 - 2/0	MCB	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205145076	**217 MTBH**	#14 - 2/0	MCB	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205159304	**217 MTBH MS15**	#14 - 2/0	MCB	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205145074	**217 MTBH MS45**	#14 - 2/0	MCB	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205145110	**U214 MTBH**	#14 - 2/0	MCB	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2
78205159200	**U214 MTBH MS15**	#14 - 2/0	MCB	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2
78205145108	**U214 MTBH MS45**	#14 - 2/0	MCB	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2
78205145148	**U215 MTBH**	#14 - 2/0	MCB	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2
78205159202	**U215 MTBH MS15**	#14 - 2/0	MCB	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2
78205145146	**U215 MTBH MS45**	#14 - 2/0	MCB	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2
78205145156	**U217 MTBH**	#14 - 2/0	MCB	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2
78205159204	**U217 MTBH MS15**	#14 - 2/0	MCB	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2
78205145154	**U217 MTBH MS45**	#14 - 2/0	MCB	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2

MCB - Main Circuit Breaker

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

100 & 200 Amp - 22K - 65K AIC

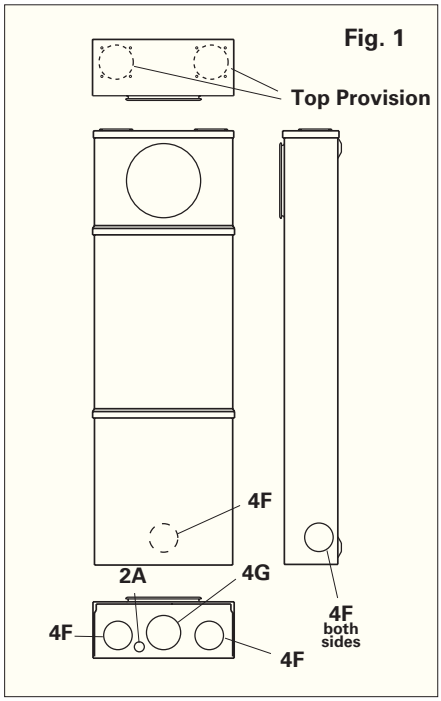
Style #	Suffixes
(U) 214 MTBH	MS15 - 480V Breaker
(U) 215 MTBH	MS43 - No Breaker Included
(U) 217 MTBH	MS45 - 22K AIC Rated Breaker
	SS - Stainless Steel 304 *
	SS6 - Stainless Steel 316 *

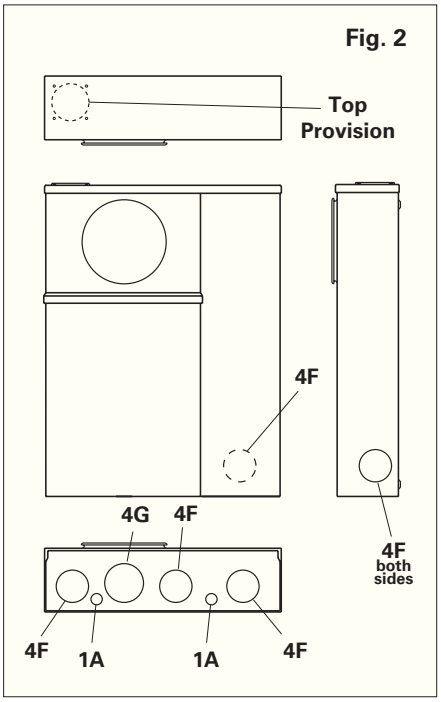
Knockouts - Conduit Sizes

1A = ½"
2A = ½" - ¼"
4F = 2" - 1½" - 1¼" - 1"
4G = 2½" - 2" - 1½" - 1¼"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts





Note: Top hubs to be used for line feed only.

Meter Mains - With Safety Socket Bypass

100 Amp - Fusible Pullout



214 MTBP (open)



U214 MTBP (open)

Application

- Combination meter/main with safety socket (test block) bypass
- Factory installed fused pullout ("T" fuses included)
- Receive ANSI C12.10 watthour meters
- Surface mount

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 67 Listed
- ANSI C12.7
- EUSERC 305A

Accessories

- 5th Jaw Kit - 50371
- Bussed Gutters - see page 50
- AW Hubs

Part/UPC Number	Catalog Number	Amp Rating	Jaws	Service Type	Access	Main Breaker Voltage	Main Breaker AIC	Main Breaker Main	Bypass
78205148000	**214 MTBP**	100	4	1Ø/3W	OH	120/240	200K	(1) 100A, 2P	TB
78205152000	**214 MTBP MS15**	100	4	1Ø/3W	OH	240/480	200K	(1) 100A, 2P	TB
78205148020	**215 MTBP**	100	5	3Ø/3W	OH	240*	200K	(1) 100A, 3P	TB
78205152010	**215 MTBP MS15**	100	5	3Ø/3W	OH	480*	200K	(1) 100A, 3P	TB
78205148030	**217 MTBP**	100	7	3Ø/4W	OH	120/240 & 120/208	200K	(1) 100A, 3P	TB
78205152020	**217 MTBP MS15**	100	7	3Ø/4W	OH	480/277	200K	(1) 100A, 3P	TB
78205148080	**U214 MTBP**	100	4	1Ø/2W	OH/UG	120/240	200K	(1) 100A, 2P	TB
78205152060	**U214 MTBP MS15**	100	4	1Ø/2W	OH/UG	240/480	200K	(1) 100A, 2P	TB
78205148100	**U215 MTBP**	100	5	3Ø/3W	OH/UG	240*	200K	(1) 100A, 3P	TB
78205152070	**U215 MTBP MS15**	100	5	3Ø/3W	OH/UG	480*	200K	(1) 100A, 3P	TB
78205148110	**U217 MTBP**	100	7	3Ø/4W	OH/UG	120/240 & 120/208	200K	(1) 100A, 3P	TB
78205152100	**U217 MTBP MS15**	100	7	3Ø/4W	OH/UG	480/277	200K	(1) 100A, 3P	TB

* For a 208/120V or 480/277V, order a 4 jaw unit and a 5th jaw kit

Part/UPC Number	Catalog Number	Connections Line	Connections Load	Connections Neutral	Overall Dimensions Height	Overall Dimensions Width	Overall Dimensions Depth	Top Provision	Knockout Layout
78205148000	**214 MTBP**	#14 - 2/0	Main Fuse	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205152000	**214 MTBP MS15**	#14 - 2/0	Main Fuse	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205148020	**215 MTBP**	#14 - 2/0	Main Fuse	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205152010	**215 MTBP MS15**	#14 - 2/0	Main Fuse	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205148030	**217 MTBP**	#14 - 2/0	Main Fuse	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205152020	**217 MTBP MS15**	#14 - 2/0	Main Fuse	#14 - 1/0	38"	12"	4 5/8"	AW Hub	Fig. 1
78205148080	**U214 MTBP**	#14 - 2/0	Main Fuse	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2
78205152060	**U214 MTBP MS15**	#14 - 2/0	Main Fuse	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2
78205148100	**U215 MTBP**	#14 - 2/0	Main Fuse	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2
78205152070	**U215 MTBP MS15**	#14 - 2/0	Main Fuse	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2
78205148110	**U217 MTBP**	#14 - 2/0	Main Fuse	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2
78205152100	**U217 MTBP MS15**	#14 - 2/0	Main Fuse	#14 - 1/0	24"	18"	4 5/8"	AW Hub	Fig. 2

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

100 Amp - Fusible Pullout

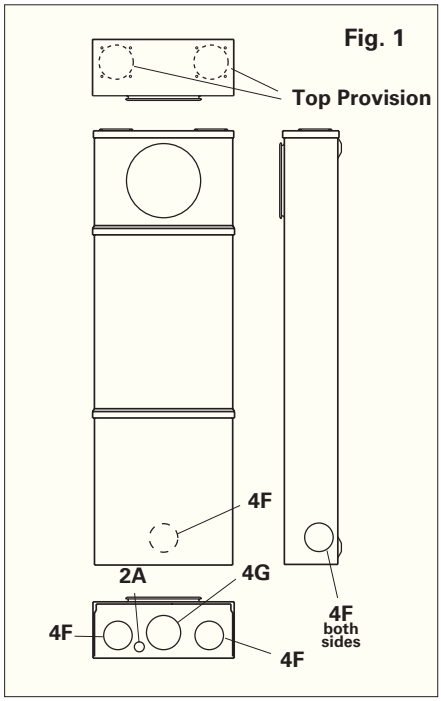
Style #	Suffixes
(U) 214 MTBP	P - Pullout Fuse
(U) 215 MTBP	MS15 - 480V Breaker
(U) 217 MTBP	MS43 - No Breaker Included
	SS - Stainless Steel 304 *
	SS6 - Stainless Steel 316 *

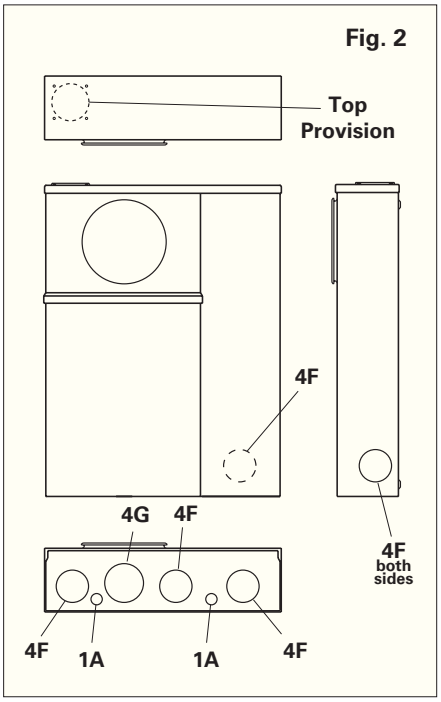
Knockouts - Conduit Sizes

1A = ½"
2A = ½" - ¼"
4F = 2" - 1½" - 1¼" - 1"
4G = 2½" - 2" - 1½" - 1¼"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts





Note: Top hubs to be used for line feed only.

Meter Main Load Center - With Safety Socket Bypass

100 Amp



U214 MTBL (closed)



U214 MTBL (open)

Application

- Combination meter/main/loadcenter with safety socket (test block) bypass
- Factory installed breakers / fused pullout ("T" fuses included)
- Receive ANSI C12.10 watthour meters
- Surface mount

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 67 Listed
- ANSI C12.7
- EUSERC 305A

Accessories

- 5th Jaw Kit - 50371
- Bussed Gutters - see page 50
- AW Hubs

Part/UPC Number	Catalog Number	Amp Rating	Jaws	Service Type	Access	Main Breaker Voltage	Main Breaker AIC	Main Breaker Main	Loadcenter	Bypass
78205170126	**U214 MTBL**	100	4	1Ø/3W	OH/UG	120/240	10K	(1) 100A, 2P	12/24	TB
78205170128	**U214 MTBPL**	100	4	1Ø/3W	OH/UG	120/240	100K	(1) 100A, 2P	12/24	TB
78205170130	**U215 MTBL**	100	5	3Ø/3W	OH/UG	240*	10K	(1) 100A, 3P	18/36	TB
78205170132	**U215 MTBPL**	100	5	3Ø/3W	OH/UG	240*	100K	(1) 100A, 3P	18/36	TB
78205170134	**U217 MTBL**	100	7	3Ø/4W	OH/UG	120/240 & 120/208	10K	(1) 100A, 3P	18/36	TB
78205170136	**U217 MTBPL**	100	7	3Ø/4W	OH/UG	120/208	100K	(1) 100A, 3P	18/36	TB

* For a 208/120V, order a 4 jaw unit and a 5th jaw kit

Part/UPC Number	Catalog Number	Connections Line	Connections Load	Connections Neutral	Overall Dimensions Height	Overall Dimensions Width	Overall Dimensions Depth	Top Provision	Knockout Layout
78205170126	**U214 MTBL**	#14 - 2/0	MCB	#14 - 1/0	24"	20"	4 5/8"	AW Hub	Fig. 1
78205170128	**U214 MTBPL**	#14 - 2/0	Main Fuse	#14 - 1/0	26"	28"	4 5/8"	AW Hub	Fig. 2
78205170130	**U215 MTBL**	#14 - 2/0	MCB	#14 - 1/0	26"	28"	4 5/8"	AW Hub	Fig. 2
78205170132	**U215 MTBPL**	#14 - 2/0	Main Fuse	#14 - 1/0	26"	28"	4 5/8"	AW Hub	Fig. 2
78205170134	**U217 MTBL**	#14 - 2/0	MCB	#14 - 1/0	26"	28"	4 5/8"	AW Hub	Fig. 2
78205170136	**U217 MTBPL**	#14 - 2/0	Main Fuse	#14 - 1/0	26"	28"	4 5/8"	AW Hub	Fig. 2

MCB - Main Circuit Breaker

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

100 Amp

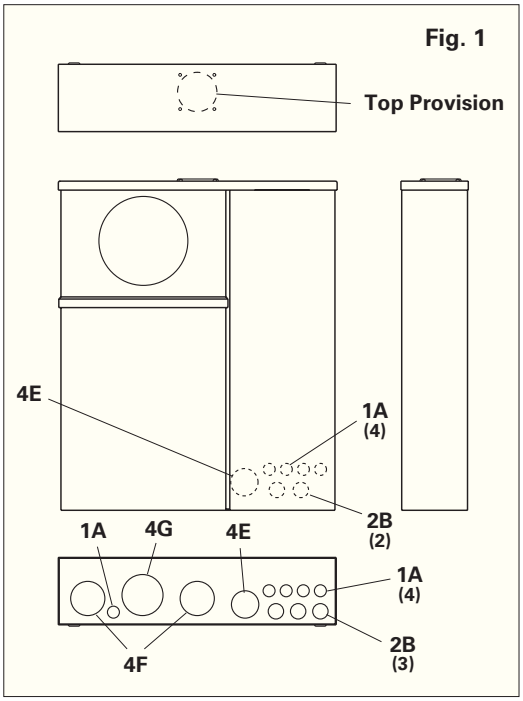
Style #	Suffixes
U214 MTBL	P - Pullout Fuse
U214 MTBPL	MS43 - No Breaker Included
U215 MTBL	SS - Stainless Steel 304 *
U215 MTBPL	SS6 - Stainless Steel 316 *
U217 MTBL	
U217 MTBPL	

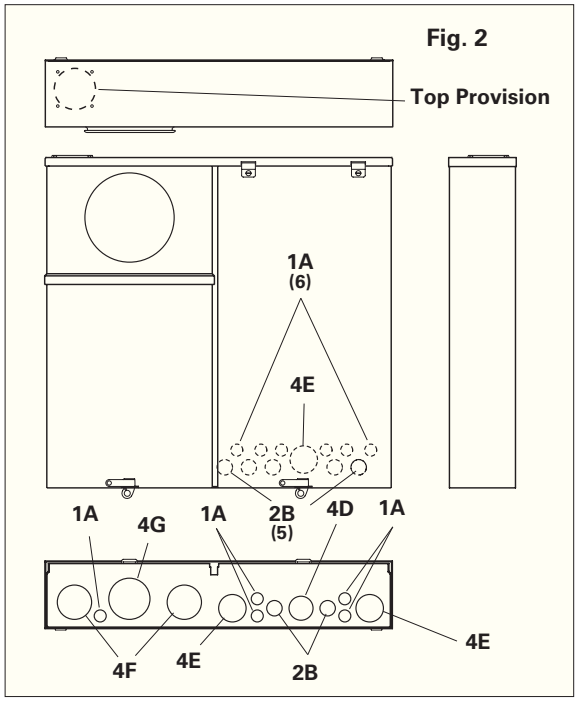
Knockouts - Conduit Sizes

1A = ½"
2B = ¾" - ½"
4D = 1¼" - 1" - ¾" - ½"
4E = 1½" - 1¼" - 1" - ¾"
4F = 2" - 1½" - 1¼" - 1"
4G = 2½" - 2" - 1½" - 1¼"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts





Note: Top hubs to be used for line feed only.

Meter Main - With Safety Socket Bypass

200 Amp - 10K AIC



224 MTB (open)



U224 MTB (open)

Application

- Combination meter/main with safety socket (test block) bypass
- Factory installed breaker
- Receive ANSI C12.10 watthour meters
- Surface mount

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 67 Listed
- ANSI C12.7
- EUSERC 305A

Accessories

- 5th Jaw Kit - 50371
- Bussed Gutters - see page 50
- AW Hubs

Part/UPC Number	Catalog Number	Amp Rating	Jaws	Service Type	Access	Main Breaker Voltage	Main Breaker AIC	Main	Bypass
78205159065	**224 MTB**	200	4	1Ø/3W	OH	120/240	10K	(1) 200A, 2P	TB
78205159085	**225 MTB**	200	5	3Ø/3W	OH	240*	10K	(1) 200A, 3P	TB
78205159095	**227 MTB**	200	7	3Ø/4W	OH	120/240 & 120/208	10K	(1) 200A, 3P	TB
78205170141	**U224 M11TB**	200	4	1Ø/3W	OH/UG	120/240	10K	(2) 100A, 2P	TB
78205159125	**U224 MTB**	200	4	1Ø/3W	OH/UG	120/240	10K	(1) 200A, 2P	TB
78205159145	**U225 MTB**	200	5	3Ø/3W	OH/UG	240*	10K	(1) 200A, 3P	TB
78205159155	**U227 MTB**	200	7	3Ø/4W	OH/UG	120/240 & 120/208	10K	(1) 200A, 3P	TB

* For a 208/120V, order a 4 jaw unit and a 5th jaw kit

Part/UPC Number	Catalog Number	Connections Line	Connections Load	Connections Neutral	Overall Dimensions Height	Overall Dimensions Width	Overall Dimensions Depth	Top Provision	Knockout Layout
78205159065	**224 MTB**	#6 - 250 MCM	MCB	#6 - 250 MCM	48"	14"	6"	AW Hub	Fig. 1
78205159085	**225 MTB**	#6 - 250 MCM	MCB	#6 - 250 MCM	48"	14"	6"	AW Hub	Fig. 1
78205159095	**227 MTB**	#6 - 250 MCM	MCB	#6 - 250 MCM	48"	14"	6"	AW Hub	Fig. 1
78205170141	**U224 M11TB**	#6 - 250 MCM	MCB	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 3
78205159125	**U224 MTB**	#6 - 250 MCM	MCB	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 2
78205159145	**U225 MTB**	#6 - 250 MCM	MCB	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 2
78205159155	**U227 MTB**	#6 - 250 MCM	MCB	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 2

MCB - Main Circuit Breaker

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

200 Amp - 10K AIC

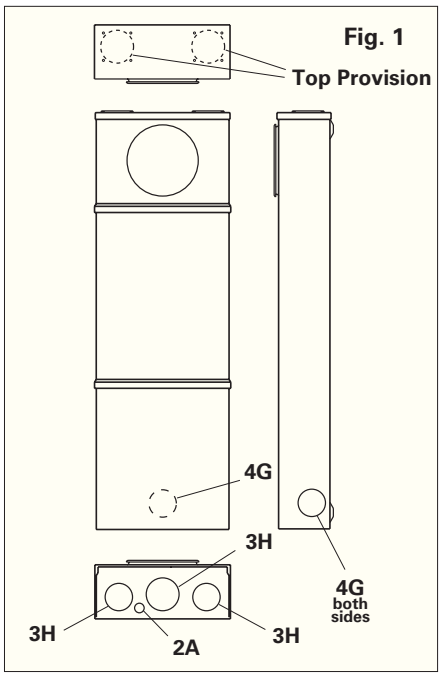
Style #	Suffixes
(U) 224 MTB	MS43 - No Breaker Included
(U) 224 M11TB	SS - Stainless Steel 304 *
(U) 225 MTB	SS6 - Stainless Steel 316 *
(U) 227 MTB	

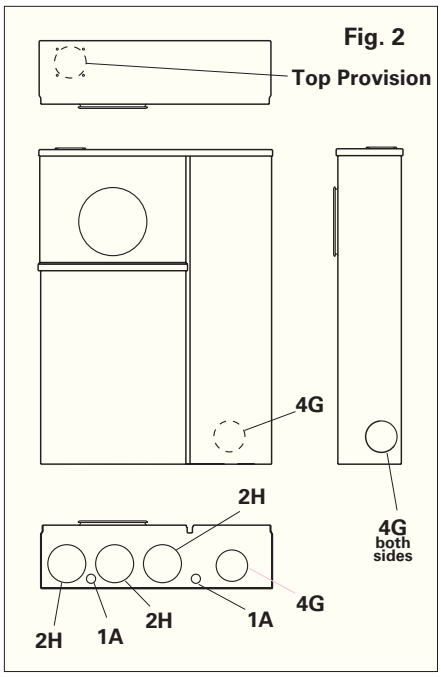
Knockouts - Conduit Sizes

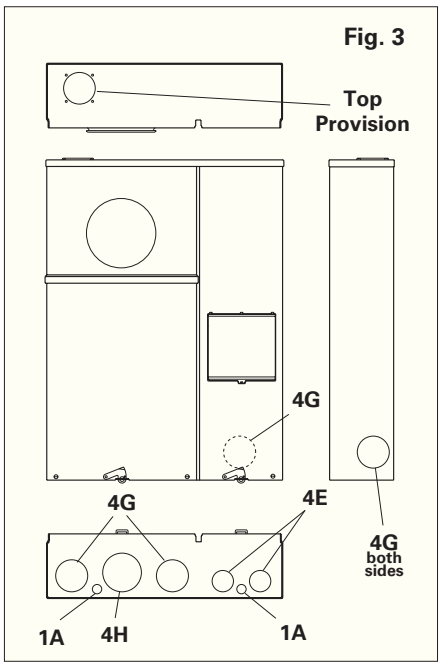
1A = ½"
2A = ½" - ¼"
4E = 1½" - 1¼" - 1" - ¾"
4G = 2½" - 2" - 1½" - 1¼"
2H = 3" - 2½"
3H = 3" - 2½" - 2"
4H = 3" - 2½" - 2" - 1½"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts







Note: Top hubs to be used for line feed only.

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

Meter Main - With Safety Socket Bypass

200 Amp - 22K-42K AIC



224 MTBH (open)



U224 MTBH (open)

Application

- Combination meter/main with safety socket (test block) bypass
- Factory installed breaker
- Receive ANSI C12.10 watthour meters
- Surface mount

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 67 Listed
- ANSI C12.7
- EUSERC 305A

Accessories

- 5th Jaw Kit - 50371
- Bussed Gutters - see page 50
- AW Hubs

Part/UPC Number	Catalog Number	Amp Rating	Jaws	Service Type	Access	Main Breaker Voltage	Main Breaker AIC	Main	Bypass
78205159081	**224 MTBH**	200	4	1Ø/3W	OH	120/240	42K	(1) 200A, 2P	TB
78205159306	**224 MTBH MS15**	200	4	1Ø/3W	OH	240/480	22K	(1) 200A, 2P	TB
78205159079	**224 MTBH MS45**	200	4	1Ø/3W	OH	120/240	22K	(1) 200A, 2P	TB
78205159091	**225 MTBH**	200	5	3Ø/3W	OH	240*	42K	(1) 200A, 3P	TB
78205159308	**225 MTBH MS15**	200	5	3Ø/3W	OH	480*	22K	(1) 200A, 3P	TB
78205159089	**225 MTBH MS45**	200	5	3Ø/3W	OH	240*	22K	(1) 200A, 3P	TB
78205159159	**227 MTBH**	200	7	3Ø/4W	OH	120/240 & 120/208	42K	(1) 200A, 3P	TB
78205159310	**227 MTBH MS15**	200	7	3Ø/4W	OH	480/277	22K	(1) 200A, 3P	TB
78205159097	**227 MTBH MS45**	200	7	3Ø/4W	OH	120/240 & 120/208	22K	(1) 200A, 3P	TB
78205159141	**U224 MTBH**	200	4	1Ø/3W	OH/UG	120/240	42K	(1) 200A, 2P	TB
78205159206	**U224 MTBH MS15**	200	4	1Ø/3W	OH/UG	240/480	22K	(1) 200A, 2P	TB
78205159139	**U224 MTBH MS45**	200	4	1Ø/3W	OH/UG	120/240	22K	(1) 200A, 2P	TB
78205159151	**U225 MTBH**	200	5	3Ø/3W	OH/UG	240*	42K	(1) 200A, 3P	TB
78205159208	**U225 MTBH MS15**	200	5	3Ø/3W	OH/UG	480*	22K	(1) 200A, 3P	TB
78205159149	**U225 MTBH MS45**	200	5	3Ø/3W	OH/UG	240*	22K	(1) 200A, 3P	TB
78205159159	**U227 MTBH**	200	7	3Ø/4W	OH/UG	120/240 & 120/208	42K	(1) 200A, 3P	TB
78205159210	**U227 MTBH MS15**	200	7	3Ø/4W	OH/UG	480/277	22K	(1) 200A, 3P	TB
78205159157	**U227 MTBH MS45**	200	7	3Ø/4W	OH/UG	120/240 & 120/208	22K	(1) 200A, 3P	TB

* For a 208/120V or 480/277V, order a 4 jaw unit and a 5th jaw kit

Part/UPC Number	Catalog Number	Connections Line	Connections Load	Connections Neutral	Overall Dimensions Height	Overall Dimensions Width	Overall Dimensions Depth	Top Provision	Knockout Layout
78205159081	**224 MTBH**	#6 - 250 MCM	MCB	#6 - 250 MCM	48"	14"	6"	AW Hub	Fig. 1
78205159306	**224 MTBH MS15**	#6 - 250 MCM	MCB	#6 - 250 MCM	48"	14"	6"	AW Hub	Fig. 1
78205159079	**224 MTBH MS45**	#6 - 250 MCM	MCB	#6 - 250 MCM	48"	14"	6"	AW Hub	Fig. 1
78205159091	**225 MTBH**	#6 - 250 MCM	MCB	#6 - 250 MCM	48"	14"	6"	AW Hub	Fig. 1
78205159308	**225 MTBH MS15**	#6 - 250 MCM	MCB	#6 - 250 MCM	48"	14"	6"	AW Hub	Fig. 1
78205159089	**225 MTBH MS45**	#6 - 250 MCM	MCB	#6 - 250 MCM	48"	14"	6"	AW Hub	Fig. 1
78205159159	**227 MTBH**	#6 - 250 MCM	MCB	#6 - 250 MCM	48"	14"	6"	AW Hub	Fig. 1
78205159310	**227 MTBH MS15**	#6 - 250 MCM	MCB	#6 - 250 MCM	48"	14"	6"	AW Hub	Fig. 1
78205159097	**227 MTBH MS45**	#6 - 250 MCM	MCB	#6 - 250 MCM	48"	14"	6"	AW Hub	Fig. 1
78205159141	**U224 MTBH**	#6 - 250 MCM	MCB	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 2
78205159206	**U224 MTBH MS15**	#6 - 250 MCM	MCB	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 2
78205159139	**U224 MTBH MS45**	#6 - 250 MCM	MCB	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 2
78205159151	**U225 MTBH**	#6 - 250 MCM	MCB	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 2
78205159208	**U225 MTBH MS15**	#6 - 250 MCM	MCB	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 2
78205159149	**U225 MTBH MS45**	#6 - 250 MCM	MCB	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 2
78205159159	**U227 MTBH**	#6 - 250 MCM	MCB	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 2
78205159210	**U227 MTBH MS15**	#6 - 250 MCM	MCB	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 2
78205159157	**U227 MTBH MS45**	#6 - 250 MCM	MCB	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 2

MCB - Main Circuit Breaker

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

200 Amp - 22K-65K AIC

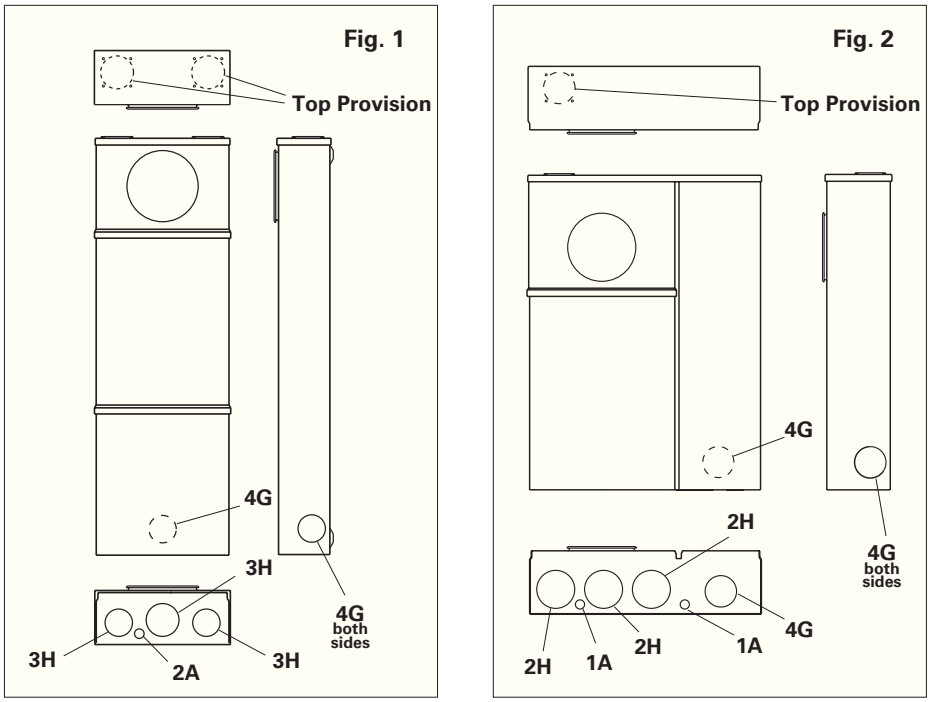
Style #	Suffixes
(U) 224 MTBH	MS15 - 480V Breaker
(U) 225 MTBH	MS43 - No Breaker Included
(U) 227 MTBH	MS45 - 22K AIC Rated Breaker
	SS - Stainless Steel 304 *
	SS6 - Stainless Steel 316 *

Knockouts - Conduit Sizes

1A = ½"
2A = ½" - ¼"
4G = 2½" - 2" - 1½" - 1¼"
2H = 3" - 2½"
3H = 3" - 2½" - 2"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts



Note: Top hubs to be used for line feed only.

Meter Main - With Safety Socket Bypass

200 Amp - Fusible Pullout



224 MTBP (open)



U224 MTBP (open)

Application

- Combination meter/main with safety socket (test block) bypass
- Factory installed breaker
- Receive ANSI C12.10 watthour meters
- Surface mount

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 67 Listed
- ANSI C12.7
- EUSERC 305A

Accessories

- 5th Jaw Kit - 50371
- Bussed Gutters - see page 50
- AW Hubs

Part/UPC Number	Catalog Number	Amp Rating	Jaws	Service Type	Access	Main Breaker Voltage	Main Breaker AIC	Main	Bypass
78205161000	**224 MTBP**	200	4	1Ø/3W	OH	120/240	200K	(1) 200A, 2P	TB
78205163000	**224 MTBP MS15**	200	4	1Ø/3W	OH	240/480	200K	(1) 200A, 2P	TB
78205161080	**225 MTBP**	200	5	3Ø/3W	OH	240*	200K	(1) 200A, 3P	TB
78205107971	**225 MTBP MS15**	200	5	3Ø/3W	OH	480*	200K	(1) 200A, 3P	TB
78205161100	**227 MTBP**	200	7	3Ø/4W	OH	120/240 & 120/208	200K	(1) 200A, 3P	TB
78205163020	**227 MTBP MS15**	200	7	3Ø/4W	OH	480/277	200K	(1) 200A, 3P	TB
78205162000	**U224 MTBP**	200	4	1Ø/3W	OH/UG	120/240	200K	(1) 200A, 2P	TB
78205163040	**U224 MTBP MS15**	200	4	1Ø/3W	OH/UG	240/480	200K	(1) 200A, 2P	TB
78205162080	**U225 MTBP**	200	5	3Ø/3W	OH/UG	240*	200K	(1) 200A, 3P	TB
78205163050	**U225 MTBP MS15**	200	5	3Ø/3W	OH/UG	480*	200K	(1) 200A, 3P	TB
78205162100	**U227 MTBP**	200	7	3Ø/4W	OH/UG	120/240 & 120/208	200K	(1) 200A, 3P	TB
78205163060	**U227 MTBP MS15**	200	7	3Ø/4W	OH/UG	480/277	200K	(1) 200A, 3P	TB

* For a 208/120V or 480/277V, order a 4 jaw unit and a 5th jaw kit

Part/UPC Number	Catalog Number	Connections Line	Connections Load	Connections Neutral	Overall Dimensions Height	Overall Dimensions Width	Overall Dimensions Depth	Top Provision	Knockout Layout
78205161000	**224 MTBP**	#6 - 250 MCM	Main Fuse	#6 - 250 MCM	48"	14"	6"	AW Hub	Fig. 1
78205163000	**224 MTBP MS15**	#6 - 250 MCM	Main Fuse	#6 - 250 MCM	48"	14"	6"	AW Hub	Fig. 1
78205161080	**225 MTBP**	#6 - 250 MCM	Main Fuse	#6 - 250 MCM	48"	14"	6"	AW Hub	Fig. 1
78205107971	**225 MTBP MS15**	#6 - 250 MCM	Main Fuse	#6 - 250 MCM	48"	14"	6"	AW Hub	Fig. 1
78205161100	**227 MTBP**	#6 - 250 MCM	Main Fuse	#6 - 250 MCM	48"	14"	6"	AW Hub	Fig. 1
78205163020	**227 MTBP MS15**	#6 - 250 MCM	Main Fuse	#6 - 250 MCM	48"	14"	6"	AW Hub	Fig. 1
78205162000	**U224 MTBP**	#6 - 250 MCM	Main Fuse	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 2
78205163040	**U224 MTBP MS15**	#6 - 250 MCM	Main Fuse	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 2
78205162080	**U225 MTBP**	#6 - 250 MCM	Main Fuse	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 2
78205163050	**U225 MTBP MS15**	#6 - 250 MCM	Main Fuse	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 2
78205162100	**U227 MTBP**	#6 - 250 MCM	Main Fuse	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 2
78205163060	**U227 MTBP MS15**	#6 - 250 MCM	Main Fuse	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 2

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

200 Amp - Fusible Pullout

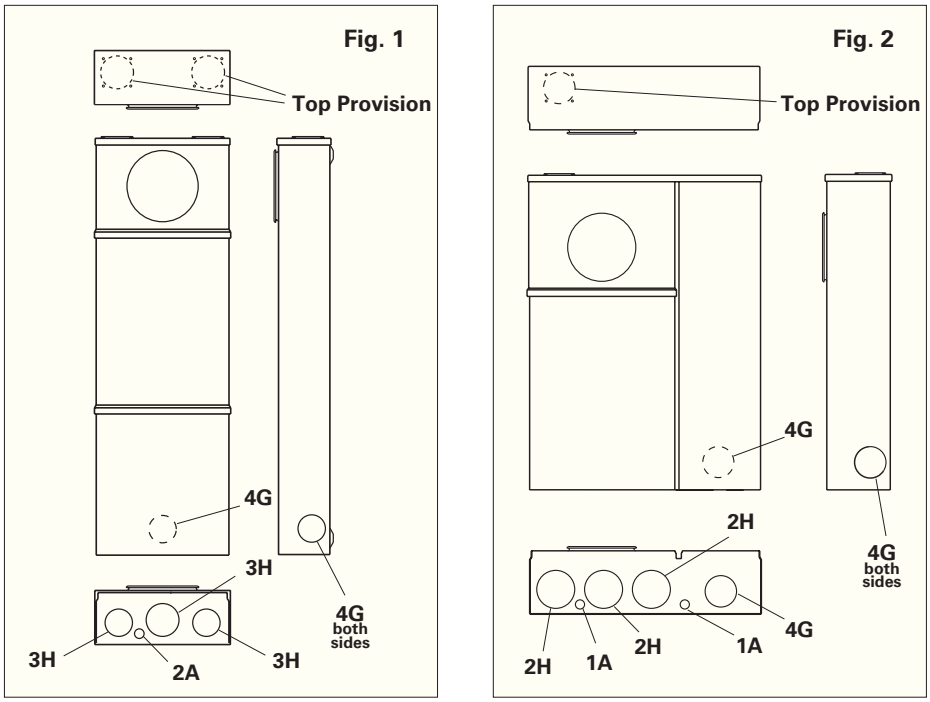
Style #	Suffixes
(U) 224 MTBP	P - Pullout Fuse
(U) 225 MTBP	MS15 - 480V Breaker
(U) 227 MTBP	MS43 - No Breaker Included
	SS - Stainless Steel 304 *
	SS6 - Stainless Steel 316 *

Knockouts - Conduit Sizes

1A = ½"
2A = ½" - ¼"
4G = 2½" - 2" - 1½" - 1¼"
2H = 3" - 2½"
3H = 3" - 2½" - 2"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts



Note: Top hubs to be used for line feed only.

Meter Main Loadcenter - With Safety Socket Bypass

200 Amp



U224 MTBL (closed)



U224 MTBL (open)

Application

- Combination meter/main/loadcenter with safety socket (test block) bypass
- Factory installed breakers / fusible pullout ("T" fuses included)
- Receive ANSI C12.10 watthour meters
- Surface mount

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 67 Listed
- ANSI C12.7
- EUSERC 305A

Part/UPC Number	Catalog Number	Amp Rating	Jaws	Service Type	Access	Main Breaker			Loadcenter	Bypass
						Voltage	AIC	Main		
78205170138	**U224 MTBL**	200	4	1Ø/3W	OH/UG	120/240	10K	(1) 200A, 2P	20/40	TB
78205170140	**U224 MTBPL**	200	4	1Ø/3W	OH/UG	120/240	100K	(1) 200A, 2P	20/40	TB
78205170142	**U225 MTBL**	200	5	3Ø/3W	OH/UG	240*	10K	(1) 200A, 3P	24/42	TB
78205170144	**U225 MTBPL**	200	5	3Ø/3W	OH/UG	240*	100K	(1) 200A, 3P	24/42	TB
78205170146	**U227 MTBL**	200	7	3Ø/4W	OH/UG	120/240 & 120/208	10K	(1) 200A, 3P	24/42	TB
78205170148	**U227 MTBPL**	200	7	3Ø/4W	OH/UG	120/240 & 120/208	100K	(1) 200A, 3P	24/42	TB

* For a 208/120V, order a 4 jaw unit and a 5th jaw kit

Part/UPC Number	Catalog Number	Connections			Overall Dimensions			Top Provision	Knockout Layout
		Line	Load	Neutral	Height	Width	Depth		
78205170138	**U224 MTBL**	#6 - 250 MCM	MCB	#6 - 250 MCM	30"	27"	6"	AW Hub	Fig. 1
78205170140	**U224 MTBPL**	#6 - 250 MCM	Main Fuse	#6 - 250 MCM	30"	27"	6"	AW Hub	Fig. 1
78205170142	**U225 MTBL**	#6 - 250 MCM	MCB	#6 - 250 MCM	32"	27"	6"	AW Hub	Fig. 1
78205170144	**U225 MTBPL**	#6 - 250 MCM	Main Fuse	#6 - 250 MCM	32"	27"	6"	AW Hub	Fig. 1
78205170146	**U227 MTBL**	#6 - 250 MCM	MCB	#6 - 250 MCM	32"	27"	6"	AW Hub	Fig. 1
78205170148	**U227 MTBPL**	#6 - 250 MCM	Main Fuse	#6 - 250 MCM	32"	27"	6"	AW Hub	Fig. 1

MCB - Main Circuit Breaker

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

200 Amp

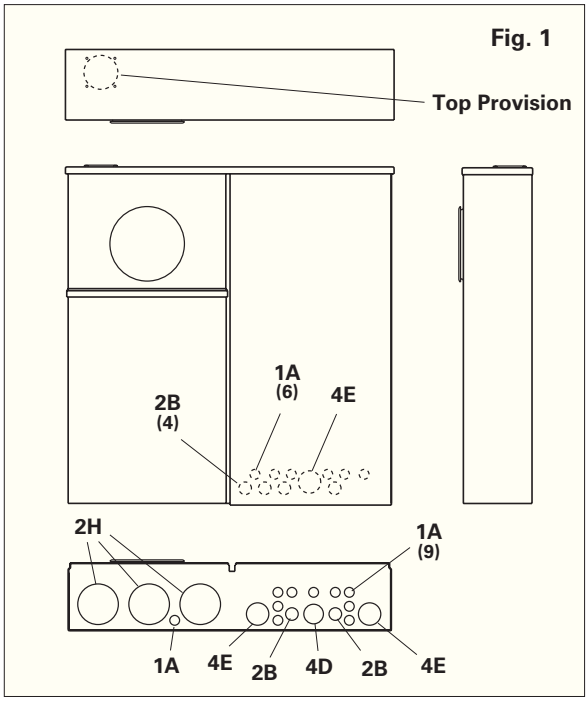
Style #	Suffixes
U224 MTBL	P - Pullout Fuse
U224 MTBPL	MS43 - No Breaker Included
U225 MTBL	SS - Stainless Steel 304 *
U225 MTBPL	SS6 - Stainless Steel 316 *
U227 MTBL	
U227 MTBPL	

Knockouts - Conduit Sizes

1A = ½"
2B = ¾" - ½"
4D = 1¼" - 1" - ¾" - ½"
4E = 1½" - 1¼" - 1" - ¾"
2H = 3" - 2½"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts



Note: Top hubs to be used for line feed only.

Main Breaker Data

Catalog Number	B-Line Breaker #	Eaton Breaker #	ITE Breaker #	Ampacity	Voltage	# of Poles	AIC
U214MTB	28108	BR2100		100A	240	2P	10K
U215MTB	28108	BR3100		100A	240	3P	10K
U217MTB	28108	BR3100		100A	240	3P	10K
U214MTBHMS45	28108	BRH2100		100A	240	2P	22K
U215MTBHMS45	28108	QPHW3100H		100A	240	3P	22K
U217MTBHMS45	28108	QPHW3100H		100A	240	3P	22K
U214MTBH	25470P		Q2100HH	100A	240	2P	65K
U215MTBH	25472P		Q3100HH	100A	240	3P	65K
U217MTBH	25472P		Q3100HH	100A	240	3P	65K
U214MTBMS15	25534N		ED42B100	100A	480	2P	10K
U215MTBMS15	36307A	PDG23G0100TFFJ		100A	480	3P	10K
U217MTBMS15	36307A	PDG23G0100TFFJ		100A	480	3P	10K
U214MTBHMS15	25544N		HED42B100	100A	480	2P	42K
U215MTBHMS15	25546N		HED43B100	100A	480	3P	42K
U217MTBHMS15	25546N		HED43B100	100A	480	3P	42K
U214MTBL	28108	BR2100		100A	240	2P	10K
U215MTBL	28108	BR3100		100A	240	3P	10K
U217MTBL	28108	BR3100		100A	240	3P	10K
U224MTB	36331A	CCV2200		200A	240	2P	10K
U225MTB	36314A	CCV3200		200A	240	3P	10K
U227MTB	36314A	CCV3200		200A	240	3P	10K
U224MTBHMS45	36331B	CCVH2200		200A	240	2P	22K
U225MTBHMS45	25514K		QRH23B200	200A	240	3P	22K
U227MTBHMS45	25514K		QRH23B200	200A	240	3P	22K
U224MTBH	28614	CVS2200		200A	240	2P	42K
U225MTBH	25518K		HQR23B200	200A	240	3P	42K
U227MTBH	25518K		HQR23B200	200A	240	3P	42K
U224MTBHMS15	25552J		FXD62B200	200A	480	2P	22K
U225MTBHMS15	36307C	PDG23G0200TFFJ		200A	480	3P	22K
U227MTBHMS15	36307C	PDG23G0200TFFJ		200A	480	3P	22K

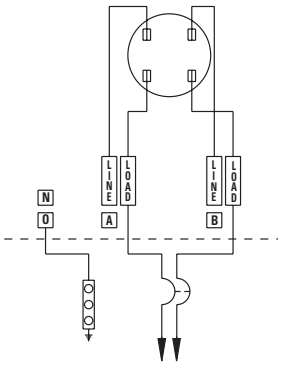
Main Pullout Data

Catalog Number	B-Line Breaker #	Boltswitch Pullout #	Ampacity	Voltage	# of Poles	AIC
U214MTBP	20404A	PT323-2P	100A	240	2P	200K
U215MTBP	20404B	PT323	100A	240	3P	200K
U217MTBP	20404B	PT323	100A	240	3P	200K
U214MTBPMS15	20404E	PT363-2P	100A	480	2P	200K
U215MTBPMS15	20404F	PT363	100A	480	3P	200K
U217MTBPMS15	20404F	PT363	100A	480	3P	200K
U224MTBP	20404C	PT324-2P	200A	240	2P	200K
U225MTBP	20404D	PT324	200A	240	3P	200K
U227MTBP	20404D	PT324	200A	240	3P	200K
U224MTBPMS15	20404G	PT364-2P	200A	480	2P	200K
U225MTBPMS15	20404H	PT364	200A	480	3P	200K
U227MTBPMS15	20404H	PT364	200A	480	3P	200K

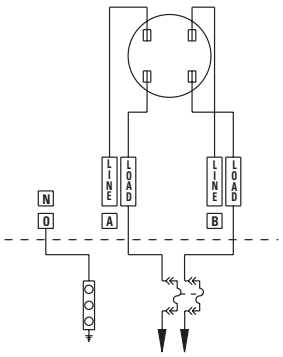
Main Pullout Data

Catalog Number	B-Line Breaker #	ITE Pullout #	Ampacity	Voltage	# of Poles	AIC
U214MTBPL	25050A	TFP223	100A	240	2P	100K
U215MTBPL	25051A	TFP323	100A	240	3P	100K
U217MTBPL	25051A	TFP323	100A	240	3P	100K
U224MTBPL	25052A	TFP224	200A	240	2P	100K
U225MTBPL	25053A	TFP324	200A	240	3P	100K
U227MTBPL	25053A	TFP324	200A	240	3P	100K

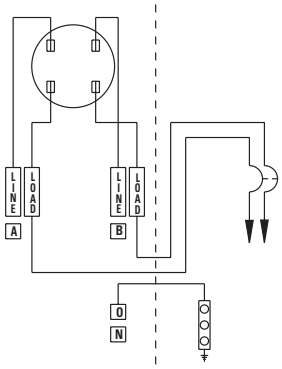
Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..



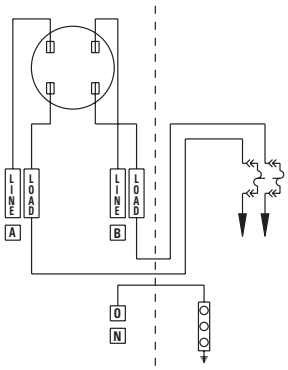
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224MTBH
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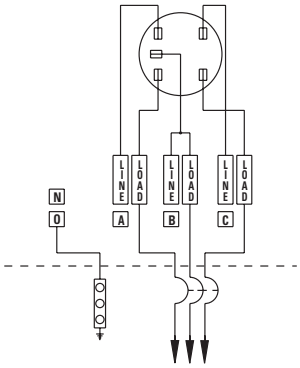
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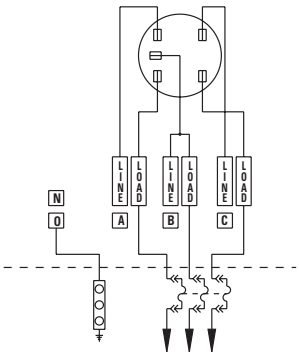
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Catalog #
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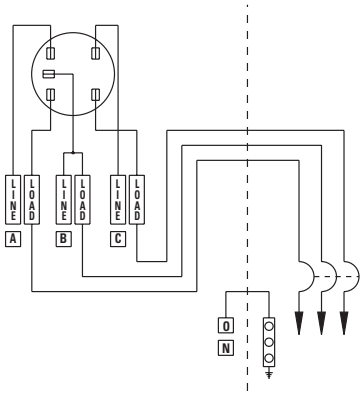


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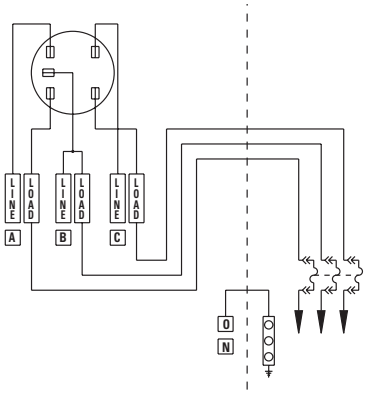


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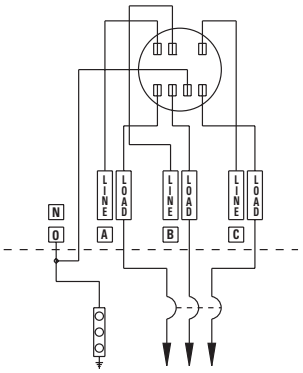
Test Block Bypass - Wiring Diagrams



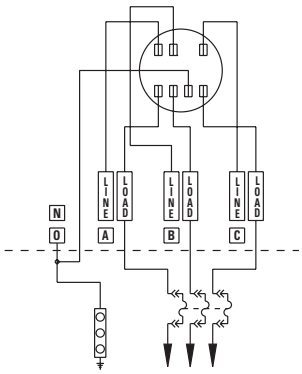
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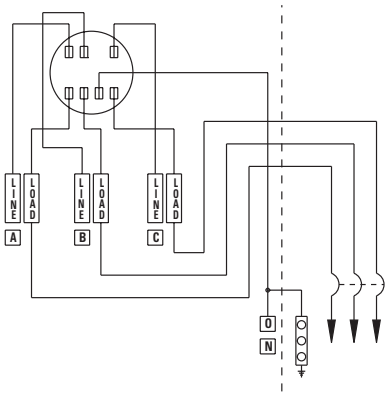
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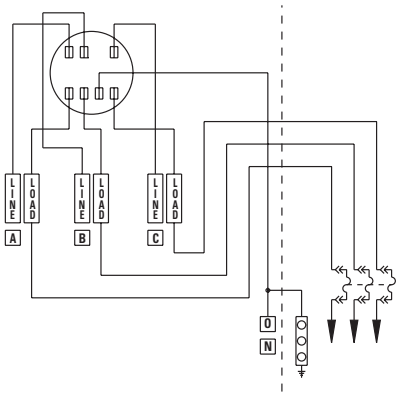
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227MTB
227MTBH
227MTBHMS45
227MTBHMS15



Catalog #
217MTBP
217MTBPMS15
227MTBP
227MTBPMS15

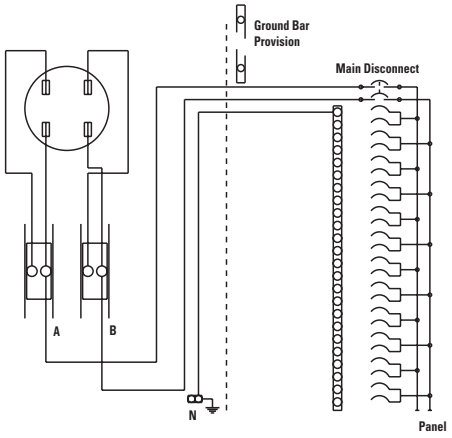


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U227MTB
U227MTBMS15
U227MTBH
U227MTBHMS45



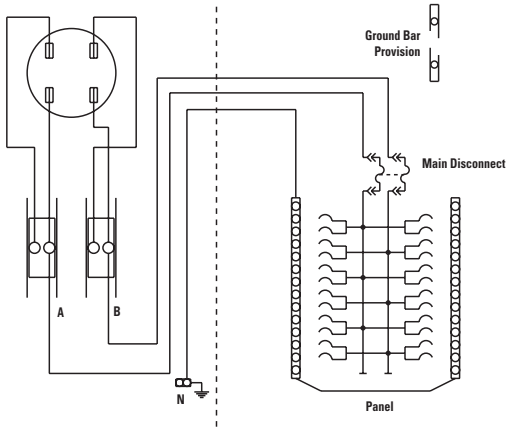
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U227MTBPMS15

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..



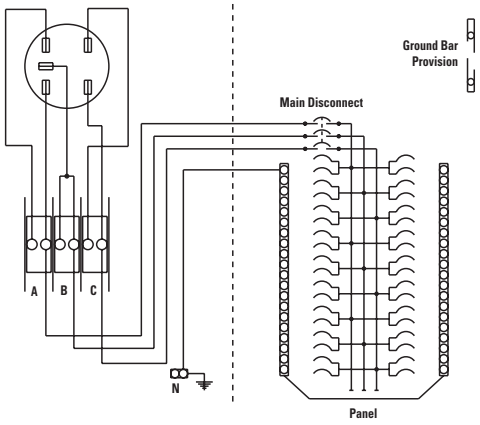
Catalog #

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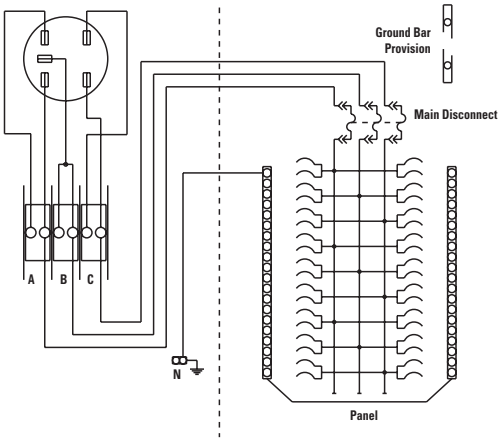
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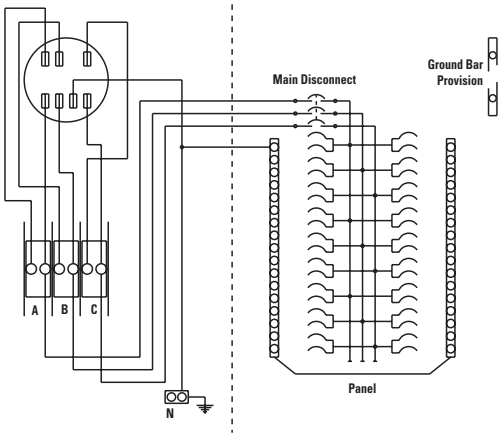
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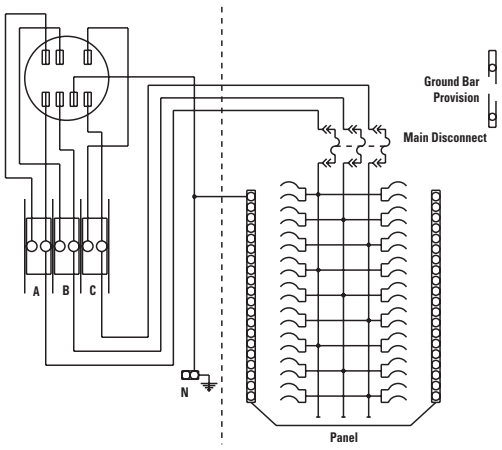
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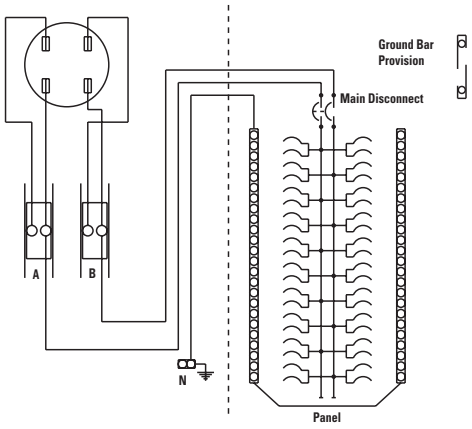


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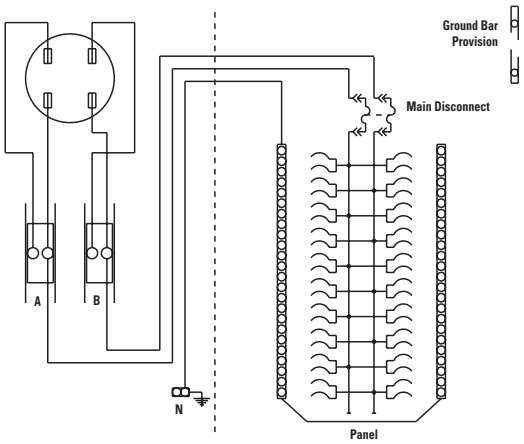
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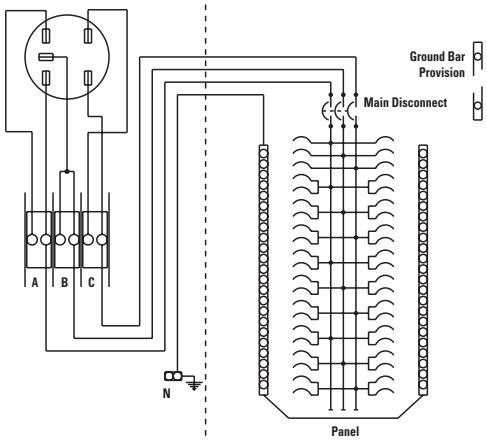
Test Block Bypass - Wiring Diagrams



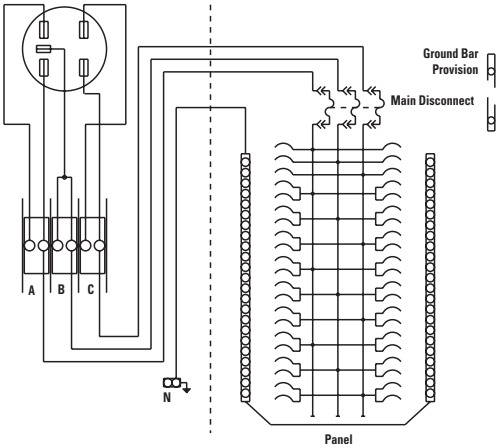
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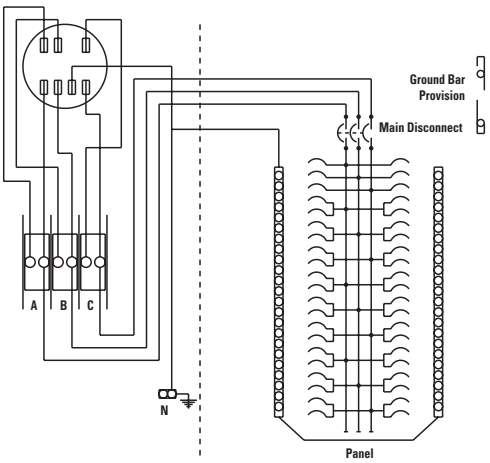
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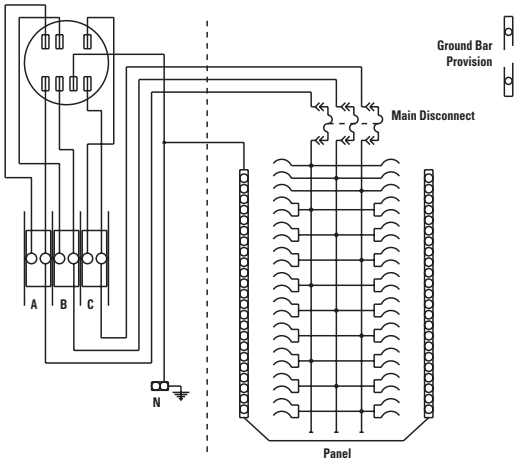
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Catalog #
U225MTBPL



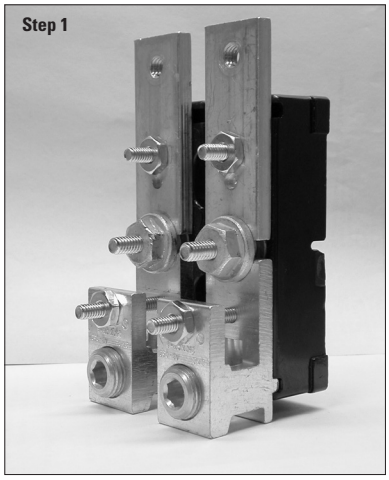
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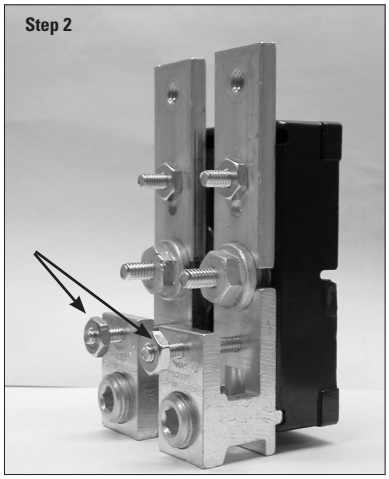
Catalog #
U227MTBPL

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

This procedure should be performed **ONLY BY QUALIFIED UTILITY PERSONNEL**



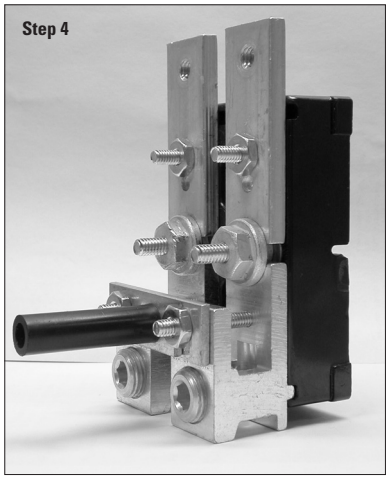
Test Block in normal operation. All screw terminals are in the closed position and tightened to the required torque specification.



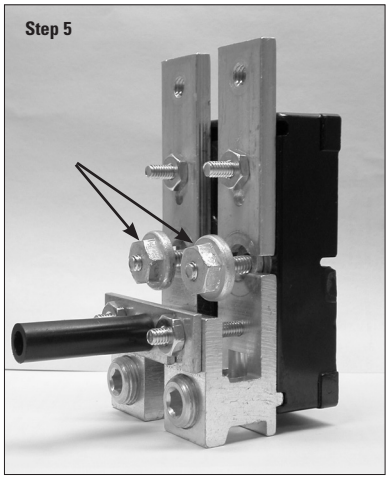
Loosen Terminal Bypass Nuts.



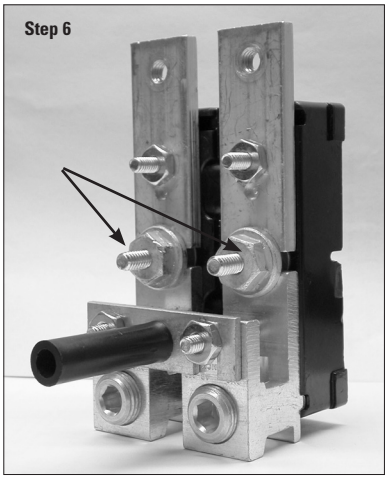
Picture shows the "Bypass Link" used to bypass the meter. (Normally supplied by utility)



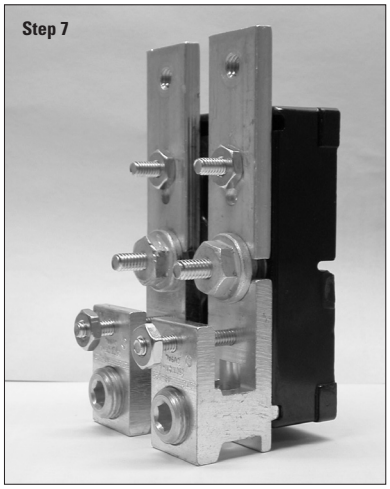
Install Bypass Link as shown and tighten the Terminal Bypass Nuts to required torque specifications.



With Bypass Link securely in place, loosen Circuit Closing Nuts. All current and voltage potential has now been isolated from the socket. Meter may now be safely removed from socket.



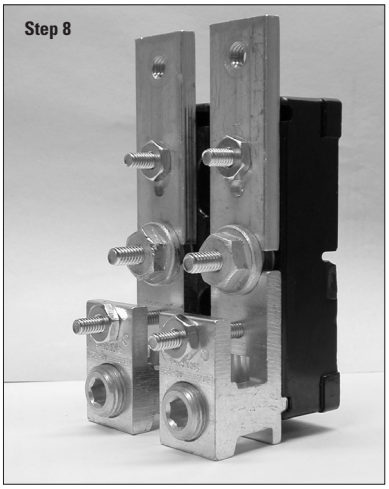
After meter has been replaced, securely tighten the Circuit Closing Nut to required torque specification.



Loosen Terminal Bypass Nuts and remove Bypass Link. Meter is now energized.

Torque table for 100 & 200 Amp units.

Circuit Closing Nuts: 60 in-lbs
Terminal Bypass Nuts: 45 in-lbs



Tighten Terminal Bypass Nuts.

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches..

Notes



Universal Bussed Gutters, 400 -2000 Amp ..... 48 - 49
Bussed Gutters for TB/MTB Units, 400 -800 Amp ..... 50 - 51
Termination Enclosures, 100 -1200 Amp ..... 52 - 53

Universal Bussed Gutters

400 - 2000 Amp



R1060HEE (closed)



R1060HEE (open)

Application

- With KOs for ganging TB/MTB units under a common feed
- Surface mount

Construction

- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum bussing

Standards

- UL 1773 Listed

Part/UPC Number	Catalog Number	Buss Amps	Service Type	AIC	Connections			Overall Dimensions			Knockout Layout
					Line	Load	Neutral	Height	Width	Depth	
78205118055	**R1024 HC**	400	1Ø/3W	10K	#4 - 600 MCM	See Note *	#4 - 600 MCM	22"	24"	6"	Fig. 1
78205118065	**R1036 HC**	400	1Ø/3W	10K	#4 - 600 MCM	See Note *	#4 - 600 MCM	22"	36"	6"	Fig. 1
78205118075	**R1048 HC**	400	1Ø/3W	10K	#4 - 600 MCM	See Note *	#4 - 600 MCM	22"	48"	6"	Fig. 1
78205118085	**R1060 HC**	400	1Ø/3W	10K	#4 - 600 MCM	See Note *	#4 - 600 MCM	22"	60"	6"	Fig. 1
78205118095	**R1072 HC**	400	1Ø/3W	10K	#4 - 600 MCM	See Note *	#4 - 600 MCM	22"	72"	6"	Fig. 1
78205118115	**R1036 HD**	600	1Ø/3W	10K	(2) #4 - 600 MCM	See Note *	(2) #4 - 600 MCM	22"	36"	6"	Fig. 1
78205118125	**R1048 HD**	600	1Ø/3W	10K	(2) #4 - 600 MCM	See Note *	(2) #4 - 600 MCM	22"	48"	6"	Fig. 1
78205118135	**R1060 HD**	600	1Ø/3W	10K	(2) #4 - 600 MCM	See Note *	(2) #4 - 600 MCM	22"	60"	6"	Fig. 1
78205118145	**R1072 HD**	600	1Ø/3W	10K	(2) #4 - 600 MCM	See Note *	(2) #4 - 600 MCM	22"	72"	6"	Fig. 1
78205118325	**R1048 HE**	800	1Ø/3W	10K	(3) #4 - 600 MCM	See Note *	(3) #4 - 600 MCM	22"	48"	6"	Fig. 1
78205118335	**R1060 HE**	800	1Ø/3W	10K	(3) #4 - 600 MCM	See Note *	(3) #4 - 600 MCM	22"	60"	6"	Fig. 1
78205118345	**R1072 HE**	800	1Ø/3W	10K	(3) #4 - 600 MCM	See Note *	(3) #4 - 600 MCM	22"	72"	6"	Fig. 1
78205118215	**R1024 HCC**	400	3Ø/4W	10K	#4 - 600 MCM	See Note *	#4 - 600 MCM	22"	24"	6"	Fig. 1
78205118225	**R1036 HCC**	400	3Ø/4W	10K	#4 - 600 MCM	See Note *	#4 - 600 MCM	22"	36"	6"	Fig. 1
78205118235	**R1048 HCC**	400	3Ø/4W	10K	#4 - 600 MCM	See Note *	#4 - 600 MCM	22"	48"	6"	Fig. 1
78205118245	**R1060 HCC**	400	3Ø/4W	10K	#4 - 600 MCM	See Note *	#4 - 600 MCM	22"	60"	6"	Fig. 1
78205118255	**R1072 HCC**	400	3Ø/4W	10K	#4 - 600 MCM	See Note *	#4 - 600 MCM	22"	72"	6"	Fig. 1
78205108075	**R1096 HCC**	400	3Ø/4W	10K	#4 - 600 MCM	See Note *	#4 - 600 MCM	22"	96"	6"	Fig. 1
78205118275	**R1036 HDD**	600	3Ø/4W	10K	(2) #4 - 600 MCM	See Note *	(2) #4 - 600 MCM	28 1/2"	36"	6"	Fig. 1
78205118285	**R1048 HDD**	600	3Ø/4W	10K	(2) #4 - 600 MCM	See Note *	(2) #4 - 600 MCM	28 1/2"	48"	6"	Fig. 1
78205118295	**R1060 HDD**	600	3Ø/4W	10K	(2) #4 - 600 MCM	See Note *	(2) #4 - 600 MCM	28 1/2"	60"	6"	Fig. 1
78205118305	**R1072 HDD**	600	3Ø/4W	10K	(2) #4 - 600 MCM	See Note *	(2) #4 - 600 MCM	28 1/2"	72"	6"	Fig. 1
78205131978	**R1096 HDD**	600	3Ø/4W	10K	(2) #4 - 600 MCM	See Note *	(2) #4 - 600 MCM	28 1/2"	96"	6"	Fig. 1
78205118150	**R10120 HDD**	600	3Ø/4W	10K	(2) #4 - 600 MCM	See Note *	(2) #4 - 600 MCM	28 1/2"	120"	6"	Fig. 1
78205118375	**R1048 HEE**	800	3Ø/4W	10K	(3) #4 - 600 MCM	See Note *	(3) #4 - 600 MCM	28 1/2"	48"	6"	Fig. 1
78205118385	**R1060 HEE**	800	3Ø/4W	10K	(3) #4 - 600 MCM	See Note *	(3) #4 - 600 MCM	28 1/2"	60"	6"	Fig. 1
78205118395	**R1072 HEE**	800	3Ø/4W	10K	(3) #4 - 600 MCM	See Note *	(3) #4 - 600 MCM	28 1/2"	72"	6"	Fig. 1
78205118401	**R1096 HEE**	800	3Ø/4W	10K	(3) #4 - 600 MCM	See Note *	(3) #4 - 600 MCM	28 1/2"	96"	6"	Fig. 1
78205118160	**R10120 HEE**	800	3Ø/4W	10K	(3) #4 - 600 MCM	See Note *	(3) #4 - 600 MCM	28 1/2"	120"	6"	Fig. 1
78205131970	**R1060 HFF**	1200	3Ø/4W	10K	(4) #4 - 600 MCM	See Note *	(4) #4 - 600 MCM	36"	60"	6"	Fig. 1
78205131972	**R1072 HFF**	1200	3Ø/4W	10K	(4) #4 - 600 MCM	See Note *	(4) #4 - 600 MCM	36"	72"	6"	Fig. 1
78205118200	**R1096 HFF**	1200	3Ø/4W	10K	(4) #4 - 600 MCM	See Note *	(4) #4 - 600 MCM	36"	96"	6"	Fig. 1
78205118170	**R10120 HFF**	1200	3Ø/4W	10K	(4) #4 - 600 MCM	See Note *	(4) #4 - 600 MCM	36"	120"	6"	Fig. 1
78205131974	**R1072 HGG**	1600	3Ø/4W	10K	(6) #4 - 600 MCM	See Note *	(6) #4 - 600 MCM	36"	72"	8"	Fig. 1
78205118205	**R1096 HGG**	1600	3Ø/4W	10K	(6) #4 - 600 MCM	See Note *	(6) #4 - 600 MCM	36"	96"	8"	Fig. 1
78205118190	**R10120 HGG**	1600	3Ø/4W	10K	(6) #4 - 600 MCM	See Note *	(6) #4 - 600 MCM	36"	120"	8"	Fig. 1
78205131976	**R1072 HHH**	2000	3Ø/4W	10K	(6) #4 - 600 MCM	See Note *	(6) #4 - 600 MCM	36"	72"	8"	Fig. 1
78205118210	**R1096 HHH**	2000	3Ø/4W	10K	(6) #4 - 600 MCM	See Note *	(6) #4 - 600 MCM	36"	96"	8"	Fig. 1
78205118195	**R10120 HHH**	2000	3Ø/4W	10K	(6) #4 - 600 MCM	See Note *	(6) #4 - 600 MCM	36"	120"	8"	Fig. 1

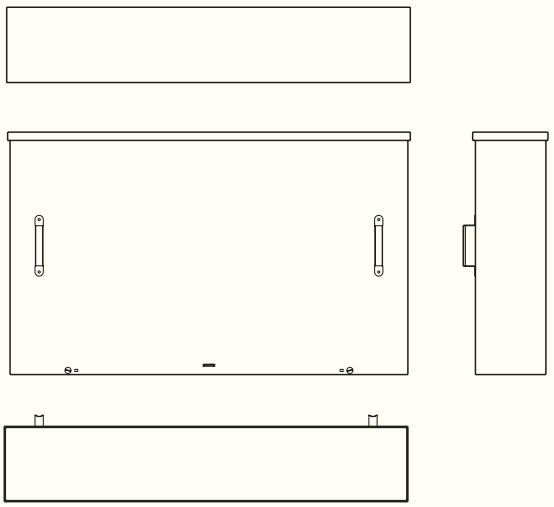
Note: * 5/16" mounting holes for load lugs - single location per phase per foot of width.
Note: Every 600 MCM lug barrel will accept (2) 1/0 - 250 MCM cables

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Style #	Suffixes
R1024	**SS** - Stainless Steel 304
R1036	**SS6** - Stainless Steel 316
R1048	**/CU** - Copper Buss
R1060	
R1072	
R1096	
R10120	

Layouts

Fig. 1



All cabinets 60" and wider have two (2) doors.

Cabinets 48" wide and 28½" tall also have two (2) doors.

Bussed Gutters - For TB/MTB Units

400 - 800 Amp



R1123HCC (closed)



R1123HCC (open)

Application

- Used as a distribution point for multiple load applications under a common feed
- Surface mount

Construction

- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum bussing

Standards

- UL 1773 Listed

Part/UPC Number	Catalog Number	Buss Amps	Service Type	Positions	Connections — Line	Connections — Load	Connections — Neutral	Overall Dimensions — Height	Overall Dimensions — Width	Overall Dimensions — Depth	Knockout Layout
78205157083	**R1122 HC**	400	1Ø/3W	2	#4 - 600 MCM	#6 - 600 MCM	#4 - 600 MCM	13"	28 3/8"	6"	Fig. 1
78205157087	**R1123 HC**	400	1Ø/3W	3	#4 - 600 MCM	#6 - 600 MCM	#4 - 600 MCM	13"	42 3/4"	6"	Fig. 2
78205157089	**R1123 HD**	600	1Ø/3W	3	(2) #4 - 600 MCM	#6 - 600 MCM	(2) #4 - 600 MCM	22"	42 3/4"	6"	Fig. 2
78205157091	**R1124 HD**	600	1Ø/3W	4	(2) #4 - 600 MCM	#6 - 600 MCM	(2) #4 - 600 MCM	22"	57"	6"	Fig. 3
78205157107	**R1125 HD**	600	1Ø/3W	5	(2) #4 - 600 MCM	#6 - 600 MCM	(2) #4 - 600 MCM	22"	71 1/4"	6"	Fig. 4
78205157111	**R1126 HD**	600	1Ø/3W	6	(2) #4 - 600 MCM	#6 - 600 MCM	(2) #4 - 600 MCM	22"	85 5/8"	6"	Fig. 5
78205157093	**R1124 HE**	800	1Ø/3W	4	(3) #4 - 600 MCM	#6 - 600 MCM	(3) #4 - 600 MCM	22"	57"	6"	Fig. 3
78205157109	**R1125 HE**	800	1Ø/3W	5	(3) #4 - 600 MCM	#6 - 600 MCM	(3) #4 - 600 MCM	22"	71 1/4"	6"	Fig. 4
78205157113	**R1126 HE**	800	1Ø/3W	6	(3) #4 - 600 MCM	#6 - 600 MCM	(3) #4 - 600 MCM	22"	85 5/8"	6"	Fig. 5
78205157097	**R1122 HCC**	400	3Ø/4W	2	#4 - 600 MCM	#6 - 600 MCM	#4 - 600 MCM	22"	28 3/8"	6"	Fig. 1
78205157099	**R1123 HCC**	400	3Ø/4W	3	#4 - 600 MCM	#6 - 600 MCM	#4 - 600 MCM	22"	42 3/4"	6"	Fig. 2
78205157101	**R1123 HDD**	600	3Ø/4W	3	(2) #4 - 600 MCM	#6 - 600 MCM	(2) #4 - 600 MCM	22"	42 3/4"	6"	Fig. 2
78205157103	**R1124 HDD**	600	3Ø/4W	4	(2) #4 - 600 MCM	#6 - 600 MCM	(2) #4 - 600 MCM	22"	57"	6"	Fig. 3
78205157115	**R1125 HDD**	600	3Ø/4W	5	(2) #4 - 600 MCM	#6 - 600 MCM	(2) #4 - 600 MCM	22"	71 1/4"	6"	Fig. 4
78205157119	**R1126 HDD**	600	3Ø/4W	6	(2) #4 - 600 MCM	#6 - 600 MCM	(2) #4 - 600 MCM	22"	85 5/8"	6"	Fig. 5
78205157103	**R1124 HEE**	800	3Ø/4W	4	(3) #4 - 600 MCM	#6 - 600 MCM	(3) #4 - 600 MCM	28 1/2"	57"	6"	Fig. 3
78205157117	**R1125 HEE**	800	3Ø/4W	5	(3) #4 - 600 MCM	#6 - 600 MCM	(3) #4 - 600 MCM	28 1/2"	71 1/4"	6"	Fig. 4
78205157121	**R1126 HEE**	800	3Ø/4W	6	(3) #4 - 600 MCM	#6 - 600 MCM	(3) #4 - 600 MCM	28 1/2"	85 5/8"	6"	Fig. 5

Notes:

All TB/MTB bussed gutters are rated at 10K AIC.
All units have (1) #6 -250 MCM ground lug secured to the neutral.
Every 600 MCM lug barrel will accept (2) 1/0 - 250 MCM cables.

400 - 800 Amps

Style #	Suffixes
R1122	**SS** - Stainless Steel 304
R1123	**SS6** - Stainless Steel 316
R1124	**/CU** - Copper Buss
R1125	
R1126	

Knockout Layouts

Fig. 1

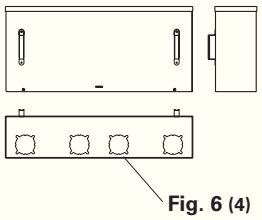


Fig. 2

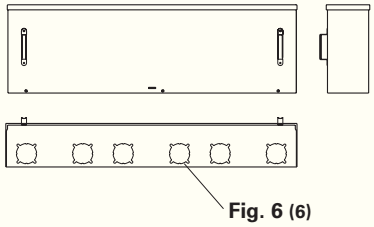


Fig. 3

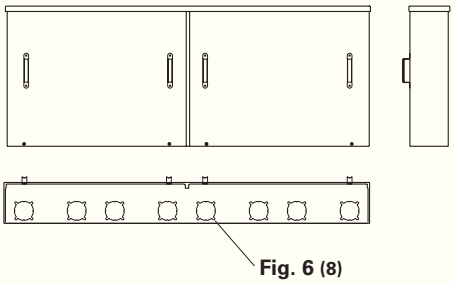


Fig. 4

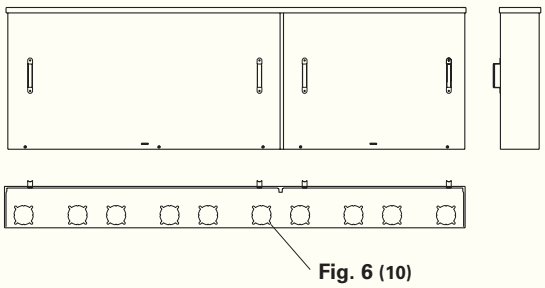


Fig. 5

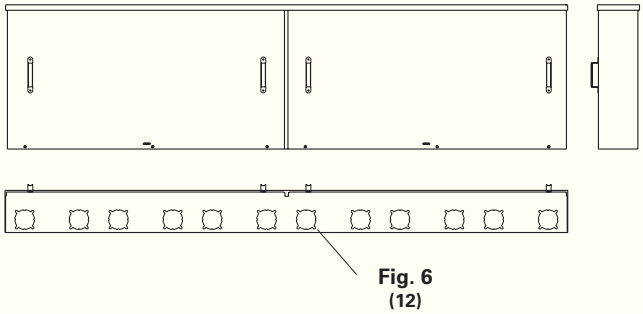
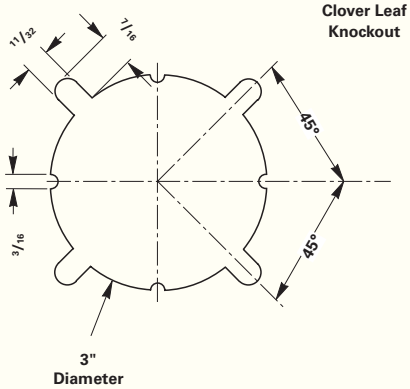


Fig. 6
Clover Leaf Knockout



Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Termination Enclosures

100 - 1200 Amp



R9000EE (closed)



R9000EE (open)

Application

- For termination of utility supply cables
- Used as a termination point before bussed gutters in underground applications
- Surface mount

Construction

- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum bussing
- Removable door with sealing provision and lifting handles

Standards

- UL 1773 Listed
- EUSERC 343
- EUSERC 343A

Part/UPC Number	Catalog Number	Amp Rating	Service Type	Access	Phase & Neutral Connections			Overall Dimensions			Knockout Layout
					AIC	Line	Load	Height	Width	Depth	
78205153196	**R9007 A**	100	1Ø or 3Ø/3W	UG	10K	#14 - 2/0	#14 - 2/0	8"	12"	4"	Fig. 1
78205158183	**R9000 B**	200	1Ø or 3Ø/3W	UG	10K	#6 - 250 MCM	#6 - 250 MCM	26"	12"	6"	Fig. 1
78205153189	**R9000 BB**	200	3Ø/4W	UG	10K	#6 - 250 MCM	#6 - 250 MCM	26"	16"	6"	Fig. 1
78205153184	**R9000 C**	400	1Ø or 3Ø/3W	UG	42K	2 Studs / Ø	#6 - 600 MCM	44"	12"	7"	Fig. 1
78205153190	**R9000 CC**	400	3Ø/4W	UG	42K	2 Studs / Ø	#6 - 600 MCM	44"	18"	7"	Fig. 1
78205153186	**R9000 E**	800	1Ø or 3Ø/3W	UG	65K	4 Studs / Ø	(3) #4 - 600 MCM	52"	18"	11"	Fig. 1
78205153192	**R9000 EE**	800	3Ø/4W	UG	65K	4 Studs / Ø	(3) #4 - 600 MCM	52"	26"	11"	Fig. 1
78205153188	**R9000 F**	1200	1Ø or 3Ø/3W	UG	65K	6 Studs / Ø	(4) #4 - 600 MCM	52"	24"	11"	Fig. 1
78205153194	**R9000 FF**	1200	3Ø/4W	UG	65K	6 Studs / Ø	(4) #4 - 600 MCM	52"	36"	11"	Fig. 1
78205107197	**R9000 CL**	400	1Ø or 3Ø/3W	OH/UG	42K	#4 - 600 MCM	#4 - 600 MCM	44"	12"	7"	Fig. 1
78205107200	**R9000 CCL**	400	3Ø/4W	OH/UG	42K	#4 - 600 MCM	#4 - 600 MCM	44"	18"	7"	Fig. 1
78205107198	**R9000 EL**	800	1Ø or 3Ø/3W	OH/UG	65K	(3) #4 - 600 MCM	(3) #4 - 600 MCM	52"	18"	11"	Fig. 1
78205107201	**R9000 EEL**	800	3Ø/4W	OH/UG	65K	(3) #4 - 600 MCM	(3) #4 - 600 MCM	52"	26"	11"	Fig. 1
78205107199	**R9000 FL**	1200	1Ø or 3Ø/3W	OH/UG	65K	(4) #4 - 600 MCM	(4) #4 - 600 MCM	52"	24"	11"	Fig. 1
78205107202	**R9000 FFL**	1200	3Ø/4W	OH/UG	65K	(4) #4 - 600 MCM	(4) #4 - 600 MCM	52"	36"	11"	Fig. 1

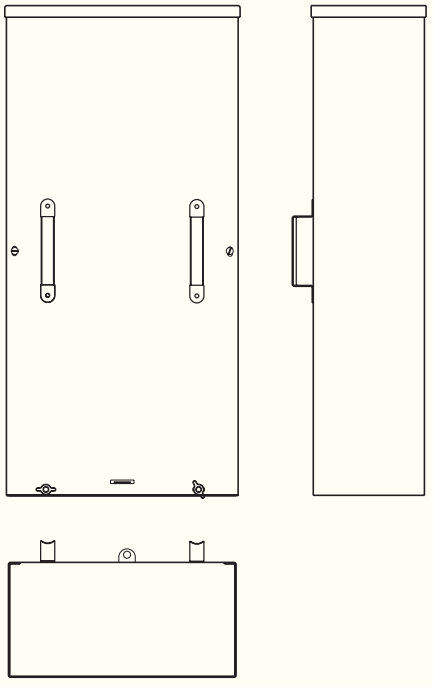
Notes:

UG units comply with EUSERC 343A.
OH/UG units comply with EUSERC 343.
Every 600 MCM lug barrel will accept (2) 1/0 - 250 MCM cables.

Style #	Suffixes
R9000	**SS** - Stainless Steel 304 **SS6** - Stainless Steel 316

Layouts

Fig. 1



52" tall cabinets have two (2) overlapping doors as shown on the R9000EE photo (page 52)

Notes



Single Meter Sockets, Without Bypass - 400 Amp Max ..... 56 - 57
Meter Mains, With Optional MCC Bypass - 400 Amp Max ..... 58 - 59
Meter Main Load Centers, With Optional MCC Bypass - 400 Amp Max ..... 60 - 61
Class 320 - Meter Breaker Data 62
Class 320 - Wiring Diagrams ..... 63 - 64

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Single Meter Sockets - With Bypass

400 Amp Max



324N (open)



324C (open)

Application

- Manual circuit closing bypass (link bypass) under separate cover
- Receive ANSI C12.10 watthour meters
- Surface mount

Construction

- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 414 Listed
- ANSI C12.7
- EUSERC 302

Accessories

- Flush Trim Kit - FK1432 or FK2432
- H Hubs

Part/UPC Number	Catalog Number	Max Amp Rating	Jaws	Service Type	Access	Bypass
78205162220	**324C** *	400	4	1Ø/3W	UG	MCC
78205162210	**324N** **	400	4	1Ø/3W	OH/UG	MCC

Part/UPC Number	Catalog Number	Connections			Overall Dimensions			Top Provision	Knockout Layout
		Line	Load	Neutral	Height	Width	Depth		
78205162220	**324C** *	Studs	(1) #4 - 600 MCM or (2) 1/0 - 250 MCM	Studs	32"	24"	6"	None	Fig. 1
78205162210	**324N** **	(1) #4 - 600 MCM or (2) 1/0 - 250 MCM	(1) #4 - 600 MCM or (2) 1/0 - 250 MCM	(1) #4 - 600 MCM or (2) 1/0 - 250 MCM	32"	14"	6"	H Hub	Fig. 2

* Complies with EUSERC 302A
** Complies with EUSERC 302B

400 Amp Max

Style #	Suffixes
324C	**SS** - Stainless Steel 304 *
324N	**SS6** - Stainless Steel 316 *

Knockouts - Conduit Sizes

2A = ½" - ¼"
2H = 3" - 2½"
3H = 3" - 2½" - 2"
4H = 3" - 2½" - 2" - 1½"
2K = 4" - 3½"
3K = 4" - 3½" - 3"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts

Fig. 1

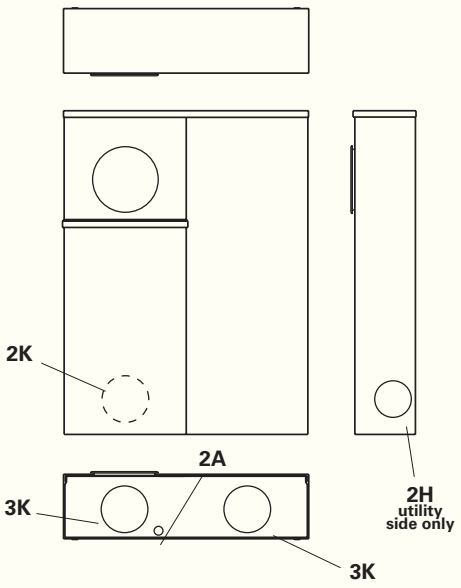
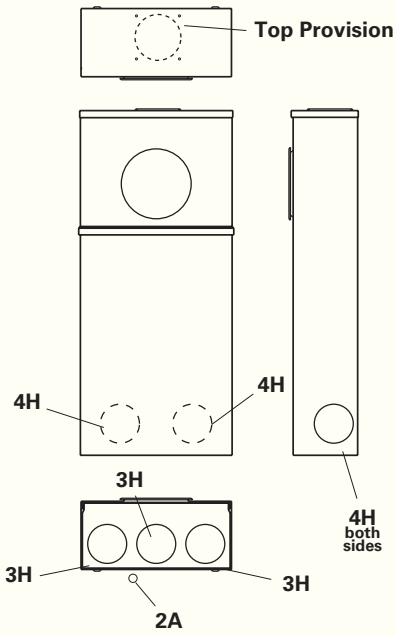


Fig. 2



Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Meter Mains - With Optional MCC Bypass

400 Amp Max



U4042MCC (closed)



U4042MCC (open)

Application

- Combination meter/main with optional manual circuit closing (link type) bypass
- Factory installed breaker
- Receive ANSI C12.10 watthour meters
- Surface mount

Construction

- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included
- Removable door with sealing provision and lifting handles
- Conforms to NEC 2020

Standards

- UL 67 Listed
- ANSI C12.7
- EUSERC 302A (without bypass)
- EUSERC 302B (with MCC bypass)

Accessories

- Flush Trim Kit - FK3038
- Overhead Adapter - CK8326

					Main Breaker			
Catalog Number	Max Amp Rating	Jaws	Service Type	Access	Voltage	AIC	Main	Bypass
U4042MCC	400	4	1Ø/3W	UG	120/240	22K	(2) 200A, 2P	MCC
U4042MC	400	4	1Ø/3W	UG	120/240	22K	(2) 200A, 2P	—
4042MCC	400	4	1Ø/3W	UG/OH	120/240	22K	(2) 200A, 2P	MCC
4042MC	400	4	1Ø/3W	UG/OH	120/240	22K	(2) 200A, 2P	—
U404MCC	400	4	1Ø/3W	UG	120/240	22K	(1) 400A, 2P	MCC
U404MC	400	4	1Ø/3W	UG	120/240	22K	(1) 400A, 2P	—
404MCC	400	4	1Ø/3W	UG/OH	120/240	22K	(1) 400A, 2P	MCC
404MC	400	4	1Ø/3W	UG/OH	120/240	22K	(1) 400A, 2P	—

	Connections			Overall Dimensions				
Catalog Number	Line	Load	Neutral	Height	Width	Depth	Top Provision	Knockout Layout
U4042MCC	Studs	MCB	#6 - 250 MCM	38"	30"	6"	None	Fig 1
U4042MC	Studs	MCB	#6 - 250 MCM	38"	30"	6"	None	Fig 1
4042MCC	Studs	MCB	#6 - 250 MCM	38"	33"	6"	H Hub	Fig 2
4042MC	Studs	MCB	#6 - 250 MCM	38"	33"	6"	H Hub	Fig 2
U404MCC	Studs	MCB	#6 - 250 MCM	38"	24"	6"	None	Fig 3
U404MC	Studs	MCB	#6 - 250 MCM	38"	24"	6"	None	Fig 3
404MCC	Studs	MCB	#6 - 250 MCM	38"	27"	6"	H Hub	Fig 4
404MC	Studs	MCB	#6 - 250 MCM	38"	27"	6"	H Hub	Fig 4

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

400 Amp Max

Style #	Suffixes
U404	**MCC** - MCC bypass
U4042	**SS** - Stainless Steel 304 *
	SS6 - Stainless Steel 316 *

Knockouts - Conduit Sizes

1W = ¼"
2A = ½" - ¼"
2G = 2½" - 2"
4G = 2½" - 2" - 1½" - 1¼"
4J = 3½" - 3" - 2½" - 2"
4K = 4" - 3½" - 3" - 2½"

* Knockouts are not available in Stainless Steel (SS) finish

Knockout Layouts

Fig. 1

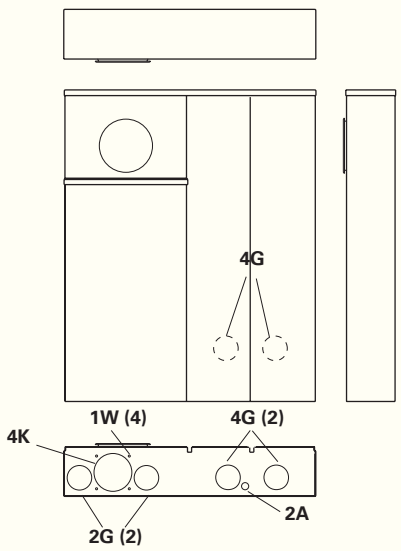


Fig. 2

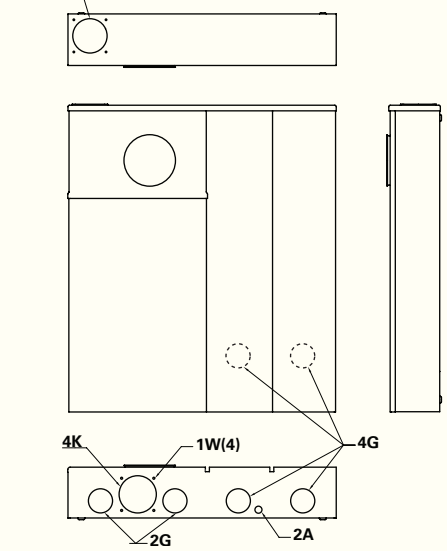


Fig. 3

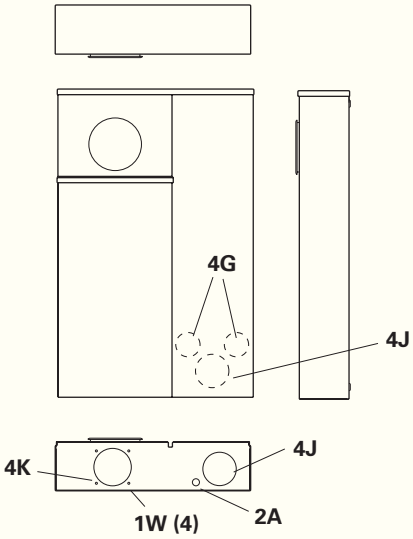
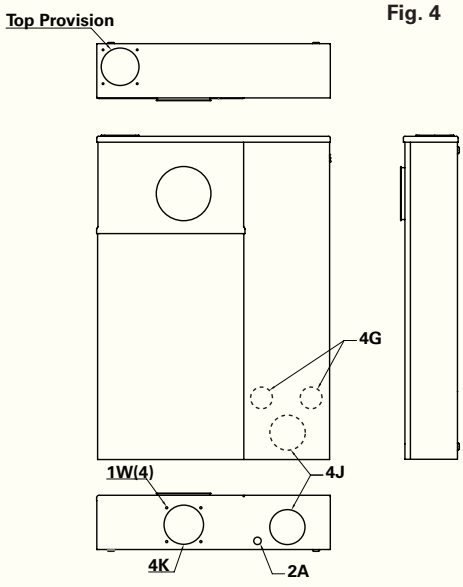


Fig. 4



Class 320 Metering

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Meter Main Loadcenters - With Optional MCC Bypass

400 Amp Max



U40411230MC (closed)



U40411230MC (open)

Application

- Combination meter/main/loadcenter with optional manual circuit closing (link type) bypass
- Factory installed breaker
- Receive ANSI C12.10 watthour meters
- Surface mount

Construction

- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included
- Removable door with sealing provision and lifting handles
- Conforms to NEC 2020 and NEC 2023

Standards

- UL 67 Listed
- ANSI C12.7
- EUSERC 302A (without bypass)
- EUSERC 302B (with MCC bypass)

Part/UPC Number	Catalog Number	Max Amp Rating	Jaws	Service Type	Access	Main Breaker			Provisions	Loadcenter	Bypass
						Voltage	AIC	Main			
78205157072	**U40411230MC**	400	4	1Ø/3W	UG/OH	120/240	22K	(1) 200A, 2P	(2) 100A	20/40	—
78205157074	**U40411230MCC**	400	4	1Ø/3W	UG/OH	120/240	22K	(1) 200A, 2P	(2) 100A	20/40	MCC
78205119923	**U4042208MC**	400	4	1Ø/3W	UG/OH	120/240	22K	(1) 200A, 2P	(1) 200A	8/16	—
78205120682	**U4042208MCC**	400	4	1Ø/3W	UG/OH	120/240	22K	(1) 200A, 2P	(1) 200A	8/16	MCC
78205177210	**U4042230MC**	400	4	1Ø/3W	UG/OH	120/240	22K	(1) 200A, 2P	(1) 200A	20/40	—
78205177220	**U4042230MCC**	400	4	1Ø/3W	UG/OH	120/240	22K	(1) 200A, 2P	(1) 200A	20/40	MCC
78205177230	**U404430MC**	400	4	1Ø/3W	UG/OH	120/240	22K	(1) 400A, 2P	—	30	—
78205177240	**U404430MCC**	400	4	1Ø/3W	UG/OH	120/240	22K	(1) 400A, 2P	—	30	MCC

Part/UPC Number	Catalog Number	Connections			Overall Dimensions			Top Provision	Knockout Layout
		Line	Load	Neutral	Height	Width	Depth		
78205157072	**U40411230MC**	Studs	MCB	#6 - 250 MCM	38"	33"	6"	H Hub	Fig. 1
78205157074	**U40411230MCC**	Studs	MCB	#6 - 250 MCM	38"	33"	6"	H Hub	Fig. 1
78205119923	**U4042208MC**	Studs	MCB	#6 - 250 MCM	38"	33"	6"	H Hub	Fig. 2
78205120682	**U4042208MCC**	Studs	MCB	#6 - 250 MCM	38"	33"	6"	H Hub	Fig. 2
78205177210	**U4042230MC**	Studs	MCB	#6 - 250 MCM	38"	33"	6"	H Hub	Fig. 1
78205177220	**U4042230MCC**	Studs	MCB	#6 - 250 MCM	38"	33"	6"	H Hub	Fig. 1
78205177230	**U404430MC**	Studs	MCB	#6 - 250 MCM	47"	37"	6"	H Hub	Fig. 3
78205177240	**U404430MCC**	Studs	MCB	#6 - 250 MCM	47"	37"	6"	H Hub	Fig. 3

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

400 Amp Max

Style #	Suffixes
U404430	**MC** - No bypass
U4042208	**MCC** - MCC bypass
U4042230	**SS** - Stainless Steel 304 *
U40411230	**SS6** - Stainless Steel 316 *

Knockouts - Conduit Sizes

1A = ½"
2B = ¾" - ½"
2C = 1" - ¾"
4D = 1¼" - 1" - ¾" - ½"
4E = 1½" - 1¼" - 1" - ¾"
4F = 2" - 1½" - 1¼" - 1"
4G = 2½" - 2" - 1½" - 1¼"
3K = 4" - 3½" - 3"
1W = ¼"

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts

Fig. 1

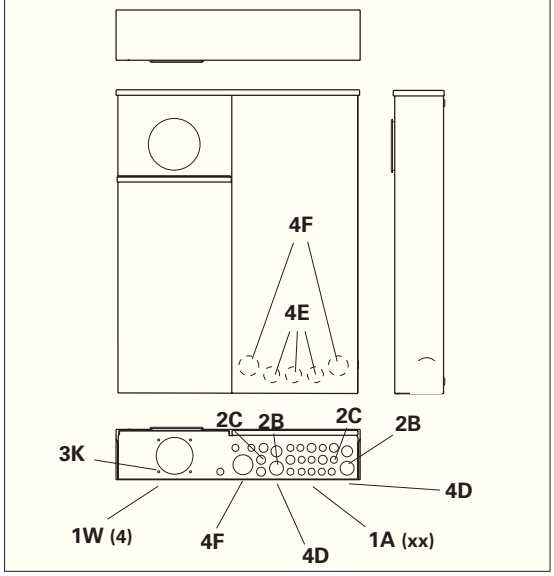


Fig. 2

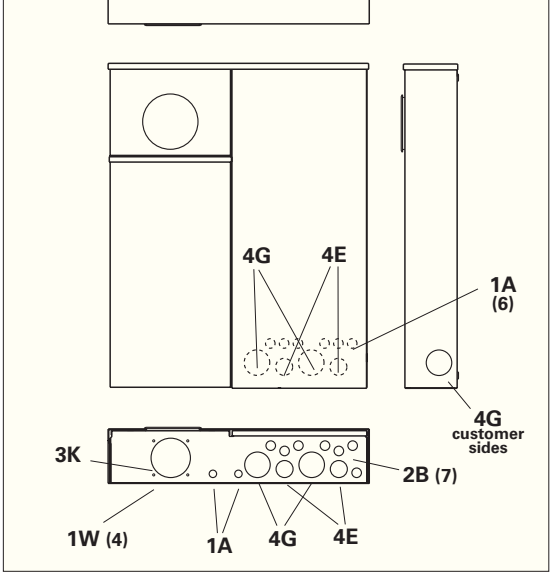
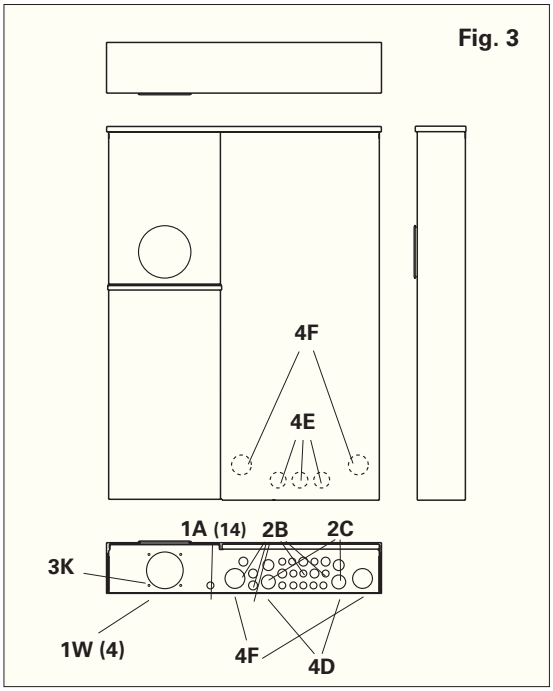


Fig. 3



Class 320 Metering

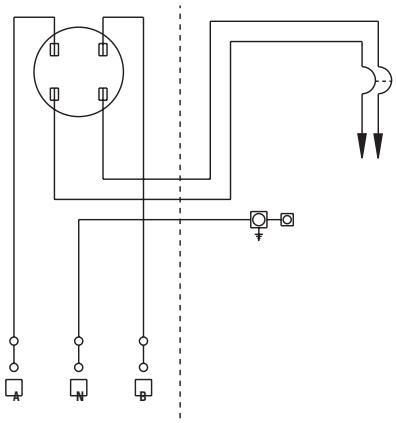
Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Main Breaker Data

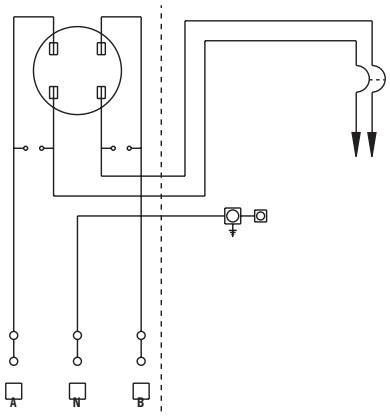
Catalog Number	B-Line Breaker #	Eaton Breaker #	ITE Breaker #	Ampacity	# of Poles	AIC
U404MC/MCC	36330	PDD32G0400TFAJ	—	400A	2P	22K
U4042MC/MCC	36332	CSR2200N	—	200A	2P	10K
U40411230MC/MCC	25585A		MBK200A	200A	2P	22K
U4042230MC/MCC	25585A		MBK200A	200A	2P	22K
U404430MC/MCC	25564F		JXD22B400	400A	2P	22K
U4042208MC	25585A		MBK200A	200A	2P	22K
U4042208MCC	25585A		MBK200A	200A	2P	22K

Breaker Provision Data

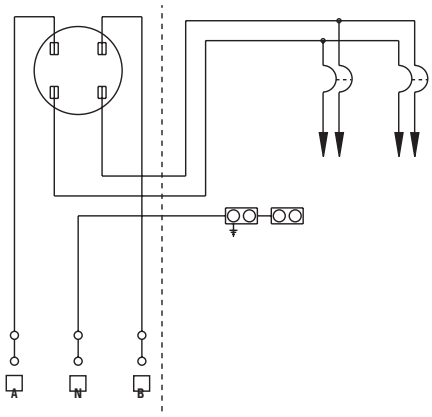
Catalog Number	B-Line Breaker #	ITE Breaker #	Ampacity	# of Poles	AIC
U40411230MC/MCC	25458P	Q2100	100A	2P	10K
U4042230MC/MCC	25583A	QN2200H	200A	2P	22K
	25582A	QN2200	200A	2P	10K
U4042208MC/MCC	25583A	QN2200H	200A	2P	22K
	25582A	QN2200	200A	2P	10K



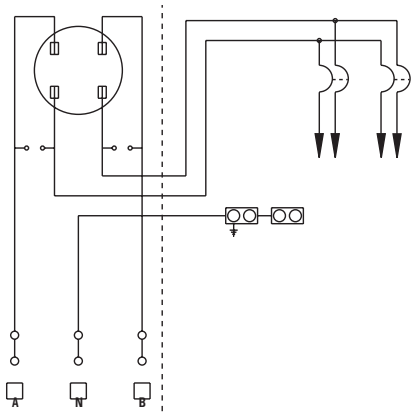
Catalog #
U404MC



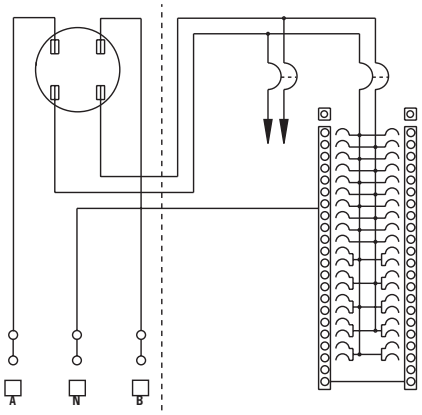
Catalog #
U404MCC



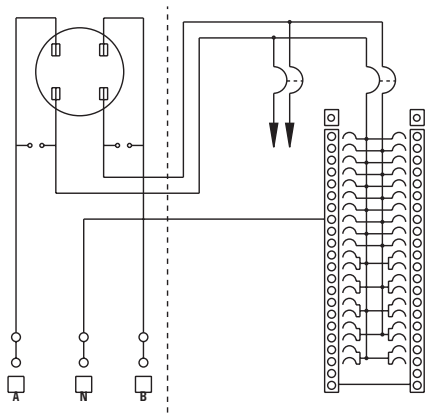
Catalog #
U4042MC



Catalog #
U4042MCC

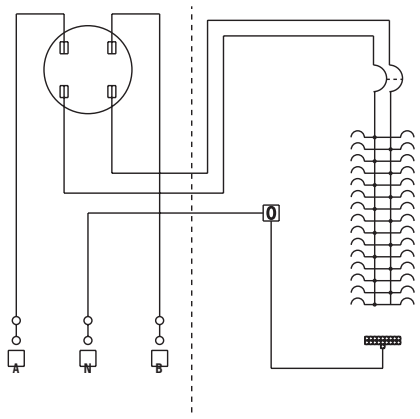


Catalog #
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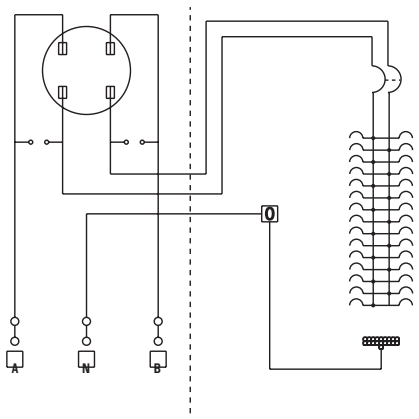
Catalog #
U404223MCC

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.



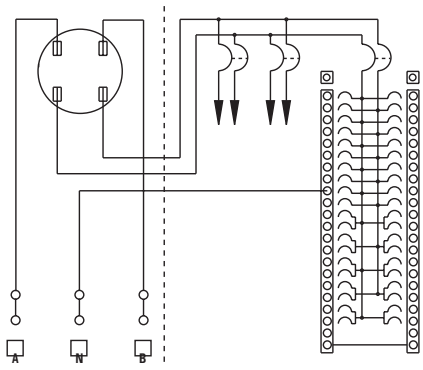
Catalog #

U404430MC



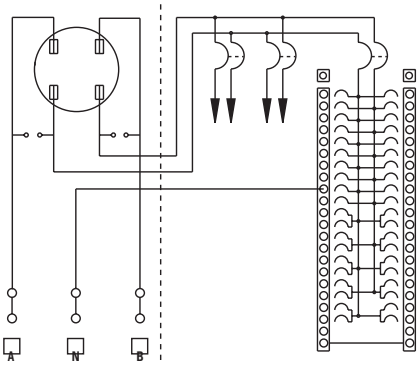
Catalog #

U404430MCC



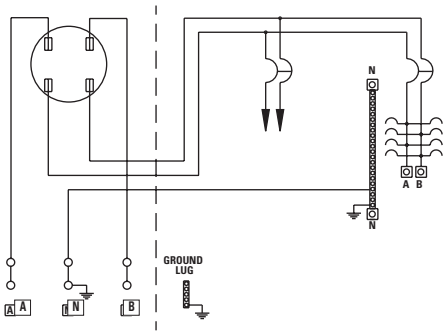
Catalog #

U40411230MC



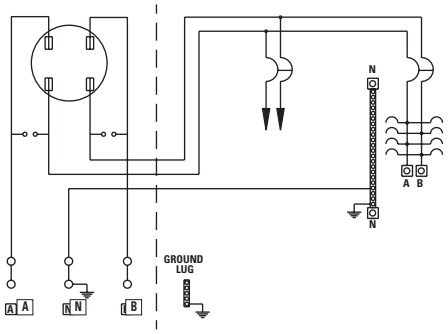
Catalog #

U40411230MCC



Catalog #

U4042208MC



Catalog #

U4042208MCC

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.



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Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Single Meter Sockets - Without Bypass

CT Rated



051HS-13 (closed)



051HS-13 (open)

Application

- Receive ANSI C12.10 watthour meters
- Overhead and underground feed (see chart)
- Surface mount

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 414 Listed
- ANSI C12.7

Accessories

- AW Hub
- Screw Type Ring - 25016D

Part/UPC Number	Catalog Number	Amp Rating	Jaws	Service Type	Access	Connections		
						Line	Load	Neutral
78205168494	**924**	20	4	1Ø	OH/UG	#14 - #10	#14 - #10	#14 - #10
78205144010	**925**	20	5	1Ø	OH/UG	#14 - #10	#14 - #10	#14 - #10
78205144020	**926**	20	6	1Ø	OH/UG	#14 - #10	#14 - #10	#14 - #10
78205144040	**928**	20	8	1Ø or 3Ø	OH/UG	#14 - #10	#14 - #10	#14 - #10
78205144045	**051HS-13**	20	13	3Ø	OH/UG	#14 - #10	#14 - #10	#14 - #10
78205144050	**051HS-15**	20	15	3Ø	OH/UG	#14 - #10	#14 - #10	#14 - #10
78205102085	**924 MS77**	20	4	1Ø	OH/UG	#14 - #10	#14 - #10	#14 - #10

Part/UPC Number	Catalog Number	Overall Dimensions			Top Provision	Knockout Layout
		Height	Width	Depth		
78205168494	**924**	12"	8"	4 5/8"	AW Hub	Fig. 1
78205144010	**925**	12"	8"	4 5/8"	AW Hub	Fig. 1
78205144020	**926**	12"	8"	4 5/8"	AW Hub	Fig. 1
78205144040	**928**	12"	8"	4 5/8"	AW Hub	Fig. 1
78205144045	**051HS-13**	12"	8"	4 5/8"	AW Hub	Fig. 1
78205144050	**051HS-15**	12"	8"	4 5/8"	AW Hub	Fig. 1
78205102085	**924 MS77**	12"	8"	4 5/8"	AW Hub	Fig. 1

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

CT Rated

Style #
924
925
926
928
051HS

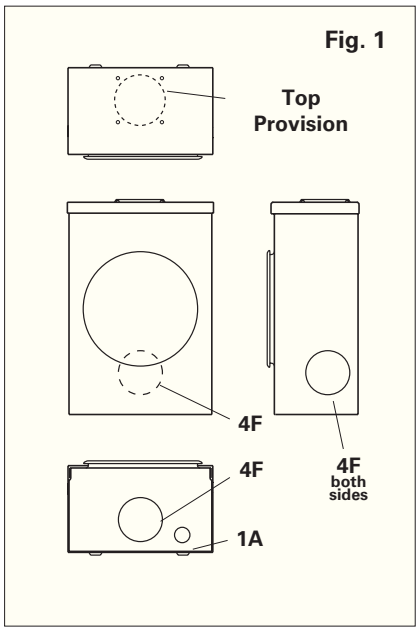
Suffixes
MS77 - 1" Conduit Hub
SS - Stainless Steel 304 *
SS6 - Stainless Steel 316 *

Knockouts - Conduit Sizes

1A = ½"
4F = 2" - 1½" - 1¼" - 1"
Top Provision ≠ See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts



Single Meter Sockets

CT Rated With Test Switch Provision



121413 (closed)



121413 (open)

Application

- Test switch section under separate cover
- Test switch perch included
- Receive ANSI C12.10 watthour meters
- Overhead and underground feed (see chart)
- Surface mount

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 414 Listed
- ANSI C12.7
- EUSERC 339

Accessories

- AW Hub
- Screw Type Ring - 25016D

Part/UPC Number	Catalog Number	Amp Rating	Jaws	Service Type	Access	Connections		
						Line	Load	Neutral
78205146000	**12144**	20	4	1Ø	OH/UG	#14 - #10	#14 - #10	#14 - #10
78205146010	**12145**	20	5	1Ø	OH/UG	#14 - #10	#14 - #10	#14 - #10
78205146020	**12146**	20	6	1Ø	OH/UG	#14 - #10	#14 - #10	#14 - #10
78205144640	**12148**	20	8	1Ø or 3Ø	OH/UG	#14 - #10	#14 - #10	#14 - #10
78205144650	**121413**	20	13	3Ø	OH/UG	#14 - #10	#14 - #10	#14 - #10
78205144065	**121415**	20	15	3Ø	OH/UG	#14 - #10	#14 - #10	#14 - #10
78205146070	**1214208** *	20	8	1Ø or 3Ø	OH/UG	#14 - #10	#14 - #10	#14 - #10
78205146060	**1214213** *	20	13	3Ø	OH/UG	#14 - #10	#14 - #10	#14 - #10
78205180265	**1214215** *	20	15	3Ø	OH/UG	#14 - #10	#14 - #10	#14 - #10

Part/UPC Number	Catalog Number	Overall Dimensions			Top Provision	Knockout Layout
		Height	Width	Depth		
78205146000	**12144**	20"	12"	4 5/8"	AW Hub	Fig. 1
78205146010	**12145**	20"	12"	4 5/8"	AW Hub	Fig. 1
78205146020	**12146**	20"	12"	4 5/8"	AW Hub	Fig. 1
78205144640	**12148**	20"	12"	4 5/8"	AW Hub	Fig. 1
78205144650	**121413**	20"	12"	4 5/8"	AW Hub	Fig. 1
78205144065	**121415**	20"	12"	4 5/8"	AW Hub	Fig. 1
78205146070	**1214208** *	20"	24 3/8"	4 5/8"	AW Hub	Fig. 2
78205146060	**1214213** *	20"	24 3/8"	4 5/8"	AW Hub	Fig. 2
78205180265	**1214215** *	20"	24 3/8"	4 5/8"	AW Hub	Fig. 2

* Not EUSERC 339 compliant.

CT Rated With Test Switch Provision

Style #
12144
12145
12146
12148
121413
121415
1214208
1214213
1214215

Suffixes

F - Flush Mount
MS20 - Ring Protector
SS - Stainless Steel 304 *
SS6 - Stainless Steel 316 *

Knockouts - Conduit Sizes

4D = 1¼" - 1" - ¾" - ½"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts

Fig. 1

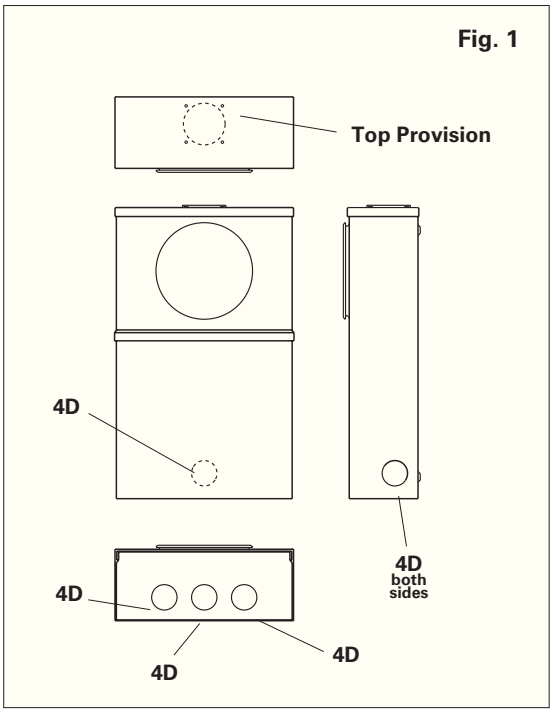
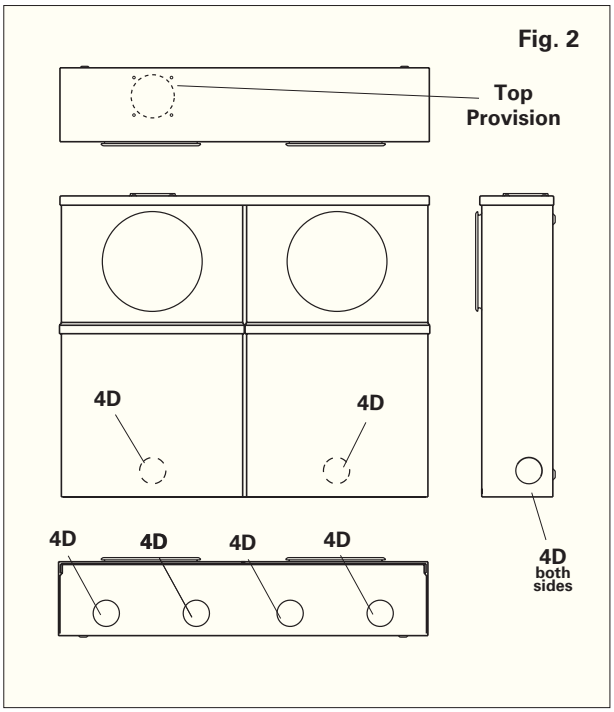
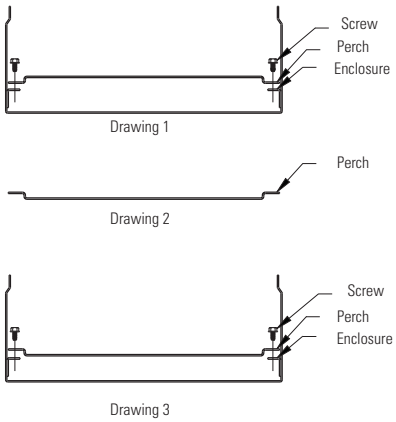


Fig. 2



Test Switch Perch Instructions



To offset test switch perch so that additional space is available for the use of a test switch cover, see instructions below.

1. Remove (4) screws that hold the perch to the enclosure (see Drawing 1)
2. Flip perch over as shown (see Drawing 2)
3. Now use the screws you removed in step one and screw the perch to the enclosure, torque screws to 35 in/lbs. (see Drawing 3)

CT Metering

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Meter Socket / Enclosure Combination Cabinets

CT Rated



U122013 (closed)



U122013 (open)

Application

- Removable test switch perch included
- Includes provisions to install model 6019/6067 CT mounts
- Receive ANSI C12.10 watthour meters
- Overhead and/or underground feed (see chart)
- Surface mount

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 414 Listed
- ANSI C12.7
- EUSERC 313
- EUSERC 314

Part/UPC Number	Catalog Number	Amp Rating	Jaws	Service Type	Access	Connections		
						Line	Load	Neutral
78205150030	**121814**	20	4	1Ø	OH	#14 - #10	#14 - #10	#14 - #10
78205150040	**121815**	20	5	1Ø	OH	#14 - #10	#14 - #10	#14 - #10
78205150020	**121816**	20	6	1Ø	OH	#14 - #10	#14 - #10	#14 - #10
78205150050	**121818**	20	8	1Ø	OH	#14 - #10	#14 - #10	#14 - #10
78205150080	**122013**	20	13	3Ø	OH	#14 - #10	#14 - #10	#14 - #10
78205122735	**122015**	20	15	3Ø	OH	#14 - #10	#14 - #10	#14 - #10
78205150090	**122018**	20	8	1Ø or 3Ø	OH	#14 - #10	#14 - #10	#14 - #10
78205149000	**U121814** *	20	4	1Ø	UG	#14 - #10	#14 - #10	#14 - #10
78205149010	**U121815** *	20	5	1Ø	UG	#14 - #10	#14 - #10	#14 - #10
78205149020	**U121816** *	20	6	1Ø	UG	#14 - #10	#14 - #10	#14 - #10
78205149030	**U121818** *	20	8	1Ø	UG	#14 - #10	#14 - #10	#14 - #10
78205149040	**U122013** *	20	13	3Ø	UG	#14 - #10	#14 - #10	#14 - #10
78205149045	**U122015** *	20	15	3Ø	UG	#14 - #10	#14 - #10	#14 - #10
78205149050	**U122018** *	20	8	1Ø or 3Ø	UG	#14 - #10	#14 - #10	#14 - #10

Part/UPC Number	Catalog Number	Overall Dimensions			L Dimension	Top Provision	Knockout Layout
		Height	Width	Depth			
78205150030	**121814**	42"	24"	11"	$15^{11}/_{16}$"	H Hub	Fig. 1
78205150040	**121815**	42"	24"	11"	$15^{11}/_{16}$"	H Hub	Fig. 1
78205150020	**121816**	42"	24"	11"	$15^{11}/_{16}$"	H Hub	Fig. 1
78205150050	**121818**	42"	24"	11"	$15^{11}/_{16}$"	H Hub	Fig. 1
78205150080	**122013**	42"	36"	11"	$15^{11}/_{16}$"	H Hub	Fig. 2
78205122735	**122015**	42"	36"	11"	$15^{11}/_{16}$"	H Hub	Fig. 2
78205150090	**122018**	42"	36"	11"	$15^{11}/_{16}$"	H Hub	Fig. 2
78205149000	**U121814** *	52"	24"	11"	$25^{11}/_{16}$"	None	Fig. 1
78205149010	**U121815** *	52"	24"	11"	$25^{11}/_{16}$"	None	Fig. 1
78205149020	**U121816** *	52"	24"	11"	$25^{11}/_{16}$"	None	Fig. 1
78205149030	**U121818** *	52"	24"	11"	$25^{11}/_{16}$"	None	Fig. 1
78205149040	**U122013** *	52"	36"	11"	$25^{11}/_{16}$"	None	Fig. 2
78205149045	**U122015** *	52"	36"	11"	$25^{11}/_{16}$"	None	Fig. 2
78205149050	**U122018** *	52"	36"	11"	$25^{11}/_{16}$"	None	Fig. 2

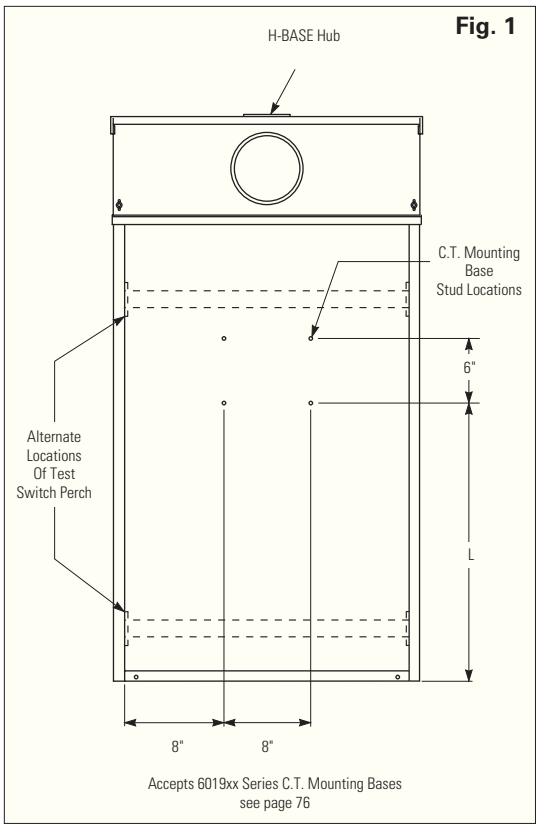
* Items beginning with "U" comply with EUSERC 314, all other items comply with EUSERC 313.

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

CT Rated

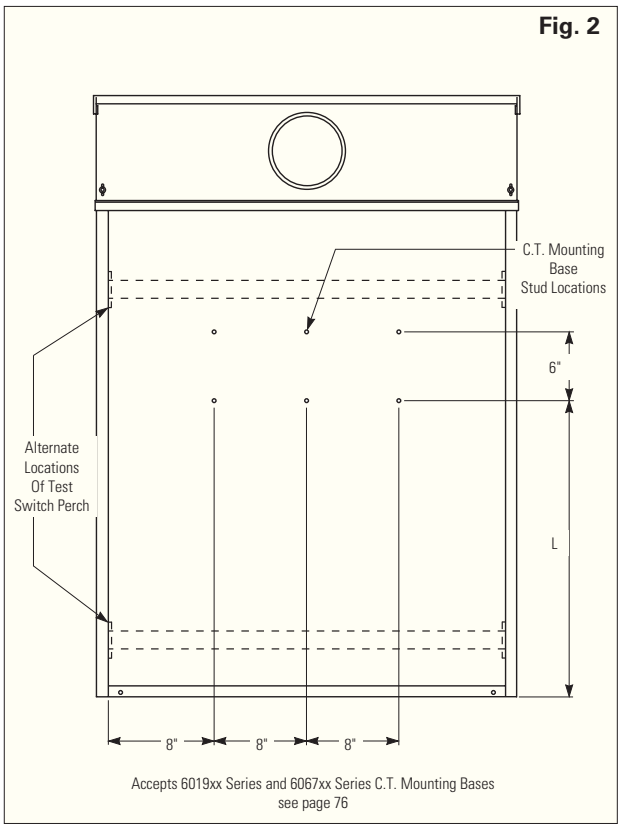
Style #	Suffixes
(U) 121814	**SS** - Stainless Steel 304
(U) 121815	**SS6** - Stainless Steel 316
(U) 121816	
(U) 121818	
(U) 122013	
(U) 122015	
(U) 122018	

Fig. 1



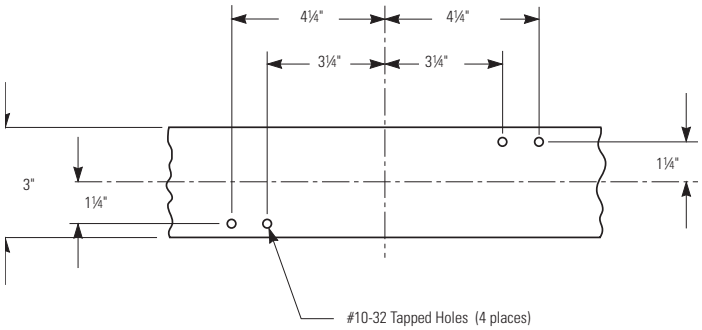
Accepts 6019xx Series C.T. Mounting Bases
see page 76

Fig. 2

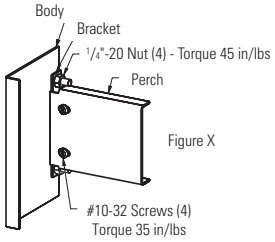


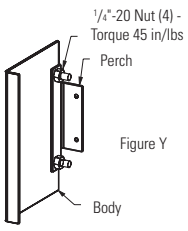
Accepts 6019xx Series and 6067xx Series C.T. Mounting Bases
see page 76

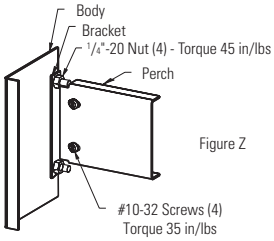
Test Switch Perch



Test Switch Perch Instructions







This enclosure is assembled with the test switch installed at a factory offset distance from the cover. If a greater offset is desired, follow these instructions:

1. Loosen and remove the screws holding the perch to the bracket, remove the perch. Loosen and remove the nuts on the bracket studs. (See Figure X)
2. Remove and rotate the brackets 180 degrees and relocate back onto bracket studs. (See Figure Y) Then fasten the nuts back on the bracket studs and torque them to 45 in/lbs.
3. Place the perch on the brackets and fasten with the screws, and torque screws to 35 in/lbs. (See Figure Z)

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

CT Enclosures With Lift Off Covers



18249 RTCT (closed)



18249 RTCT (open)

Application

- Designed to house ANSI C12.11 current transformers
- Includes provision to install model 6019/6067 CT mounts
- Surface mount

Construction

- Enclosure has mounting holes on back of body
- Covers include padlock provision, utility sealing provisions, wing nuts, and lifting handles
- Enclosures over 36" wide and 42" tall have two overlapping covers
- NEMA Type 3R
- ANSI 61 gray painted finish

Standards

- UL 414 Listed
- EUSERC 316

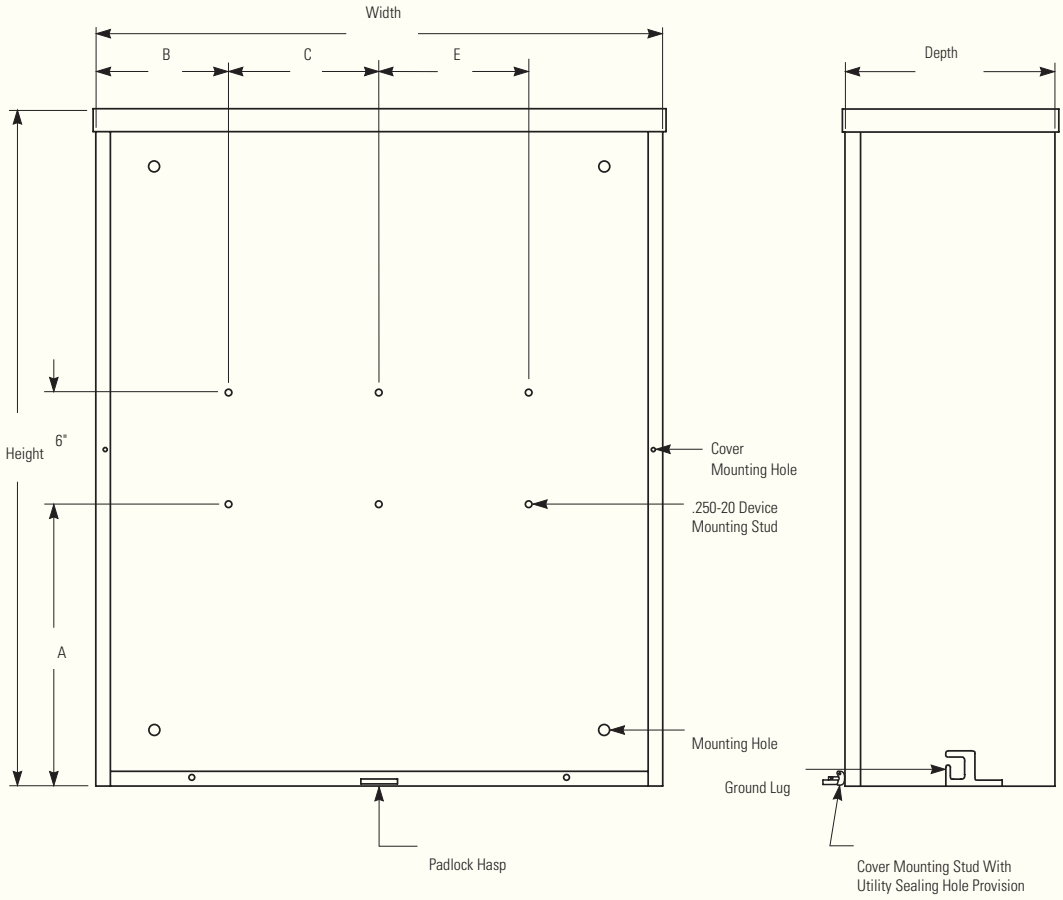
Part/UPC Number	Catalog Number	Service Type	Use With Mounting Base	Overall Dimensions Height	Width	Depth	Knockout Layout
78205137005	**18249 RTCT**	1Ø	6019	24"	18"	9"	Fig. 1
78205137020	**242411 RTCT**	1Ø	6019	24"	24"	11"	Fig. 1
78205137030	**243011 RTCT**	1Ø	6019	30"	24"	11"	Fig. 1
78205137025	**24329 RTCT**	1Ø	6019	32"	24"	9"	Fig. 1
78205137070	**243611 RTCT**	1Ø	6019	36"	24"	11"	Fig. 1
78205144811	**244811 RTCT**	1Ø	6019	48"	24"	11"	Fig. 1
78205137070	**303011 RTCT**	1Ø or 3Ø	6019 or 6067	30"	30"	11"	Fig. 1
78205137080	**303611 RTCT**	1Ø or 3Ø	6019 or 6067	36"	30"	11"	Fig. 1
78205130113	**303614 RTCT**	1Ø or 3Ø	6019 or 6067	36"	30"	14"	Fig. 1
78205137090	**363611 RTCT**	1Ø or 3Ø	6019 or 6067	36"	36"	11"	Fig. 1
78205137100	**364211 RTCT**	1Ø or 3Ø	6019 or 6067	42"	36"	11"	Fig. 1
78205137110	**364811 RTCT**	1Ø or 3Ø	6019 or 6067	48"	36"	11"	Fig. 1
78205137200	**364814 RTCT**	1Ø or 3Ø	6019 or 6067	48"	36"	14"	Fig. 1
78205124211	**424211 RTCT**	1Ø or 3Ø	6019 or 6067	42"	42"	11"	Fig. 1
78205140872	**484811 RTCT**	1Ø or 3Ø	6019 or 6067	48"	48"	11"	Fig. 1

Part/UPC Number	Catalog Number	A	B	C	E
78205137005	**18249 RTCT**	—	—	—	—
78205137020	**242411 RTCT**	9"	8"	8"	—
78205137030	**243011 RTCT**	12"	8"	8"	—
78205137025	**24329 RTCT**	—	—	—	—
78205137070	**243611 RTCT**	15"	8"	8"	—
78205144811	**244811 RTCT**	21"	8"	8"	—
78205137070	**303011 RTCT**	12"	7"	8"	8"
78205137080	**303611 RTCT**	15"	7"	8"	8"
78205130113	**303614 RTCT**	15"	7"	8"	8"
78205137090	**363611 RTCT**	15"	10"	8"	8"
78205137100	**364211 RTCT**	18"	10"	8"	8"
78205137110	**364811 RTCT**	21"	10"	8"	8"
78205137200	**364814 RTCT**	21"	10"	8"	8"
78205124211	**424211 RTCT**	18"	13"	8"	8"
78205140872	**484811 RTCT**	—	—	—	—

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Style #	Suffixes
xxxxxx RTCT	**MS40** - Mounting studs for 415 H - Universal CT Rack **SS** - Stainless Steel 304 **SS6** - Stainless Steel 316

Fig. 1



415 H
Universal CT Rack

CT Metering

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

CT Enclosures With Hinged, Lift Off Doors



363611 HRTCT (closed)



363611 HRTCT (open)

Application

- Designed to house ANSI C12.11 current tranformers
- Includes provision to install model 6019/6067 CT mounts
- Surface mount

Construction

- Enclosure has mounting holes on back of body
- Covers include utility sealing provisions, wing nuts, and lifting handles
- DD parts include master/slave style overlapping doors
- NEMA Type 3R
- Wash and phosphate undercoat
- ANSI 61 gray painted finish

Standards

- UL 414 Listed
- EUSERC 316

Accessories

- Door stop kit - DSTOPK

Part/UPC Number	Catalog Number	Service Type	Use With Mounting Base	Overall Dimensions Height	Width	Depth	Knockout Layout
78205180295	**203611 HRTCT**	1Ø	6019	36"	20"	11"	Fig. 1
78205180435	**243011 HRTCT**	1Ø	6019	30"	24"	11"	Fig. 1
78205180436	**244811 HRTCT**	1Ø	6019	48"	24"	11"	Fig. 1
78205180445	**303611 HRTCT**	1Ø or 3Ø	6019 or 6067	36"	30"	11"	Fig. 1
78205180446	**304811 HRTCT**	1Ø or 3Ø	6019 or 6067	48"	30"	11"	Fig. 1
78205180455	**363611 HRTCT**	1Ø or 3Ø	6019 or 6067	36"	36"	11"	Fig. 1
78205180456	**364811 HRTCT**	1Ø or 3Ø	6019 or 6067	48"	36"	11"	Fig. 1
78205105532	**484814 DDHRTCT**	1Ø or 3Ø	6019 or 6067	48"	48"	14"	Fig. 2

Part/UPC Number	Catalog Number	A	B	C	E
78205180295	**203611 HRTCT**	—	—	—	—
78205180435	**243011 HRTCT**	12"	8"	8"	—
78205180436	**244811 HRTCT**	21"	8"	8"	—
78205180445	**303611 HRTCT**	15"	7"	8"	8"
78205180446	**304811 HRTCT**	21"	7"	8"	8"
78205180455	**363611 HRTCT**	15"	10"	8"	8"
78205180456	**364811 HRTCT**	21"	10"	8"	8"
78205105532	**484814 DDHRTCT**	16"	21"	8"	8"

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Style #	Suffixes
xxxxxx HRTCT xxxxxx DDHRTCT	**MS40** - Mounting studs for 415 H - Universal CT Rack **SS** - Stainless Steel 304 **SS6** - Stainless Steel 316

Fig. 1

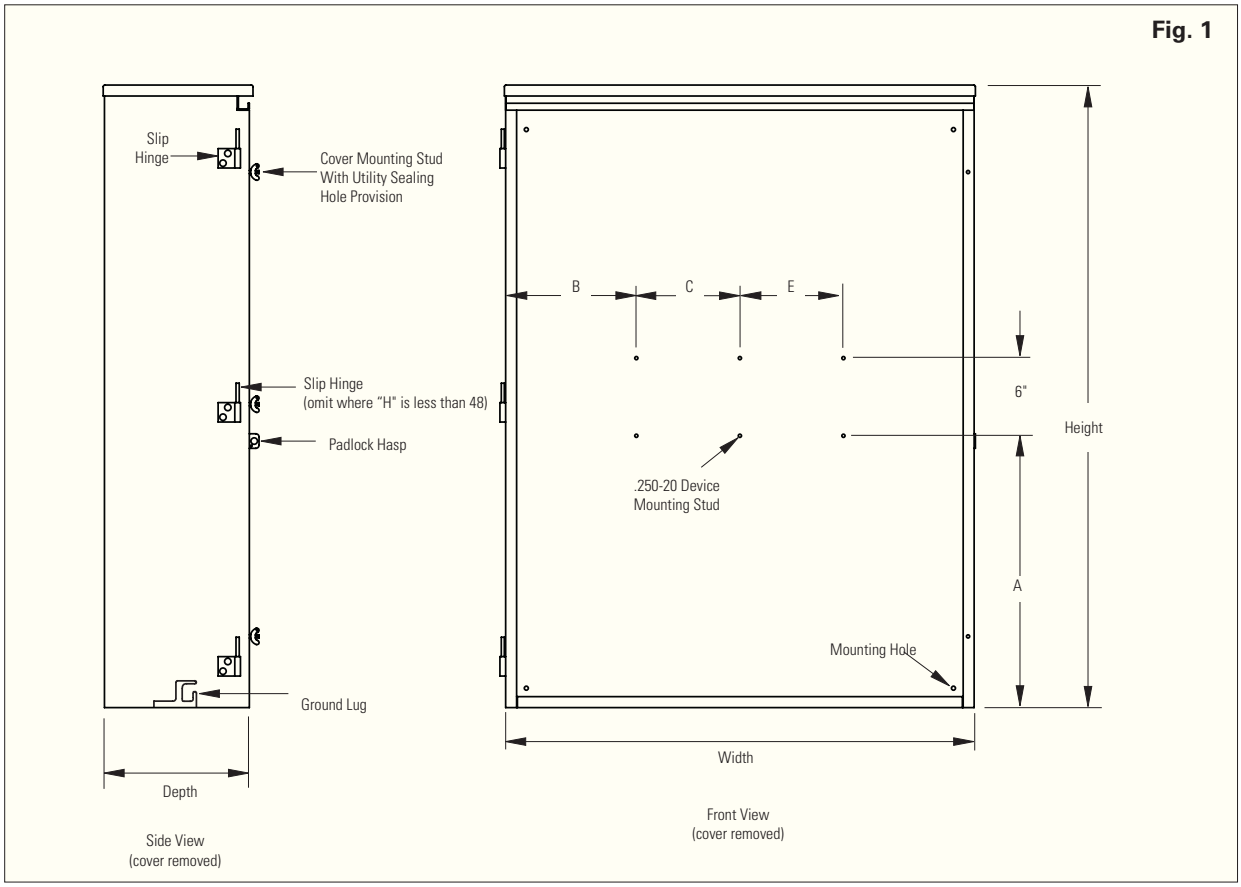
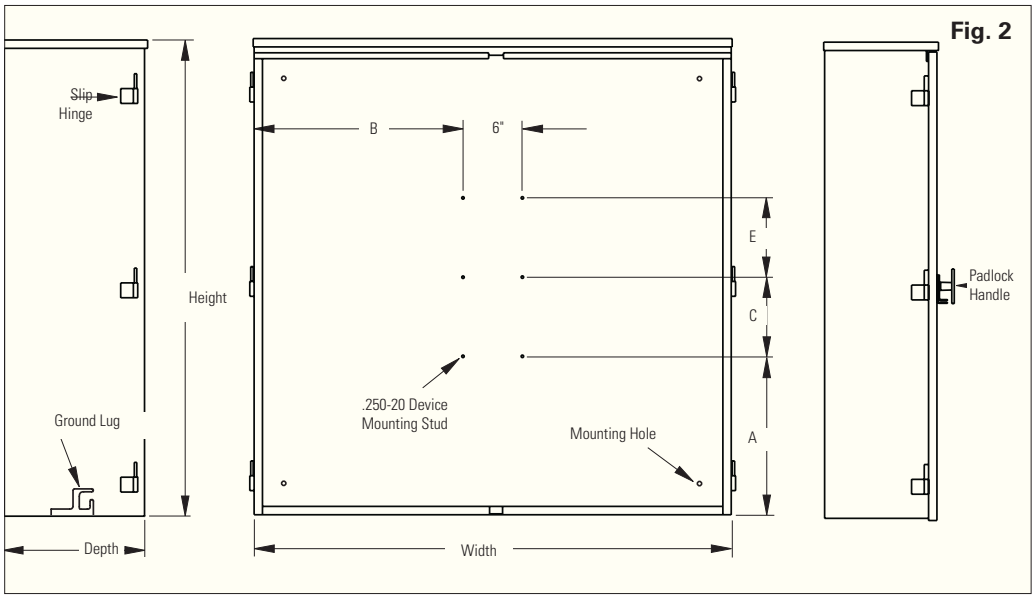
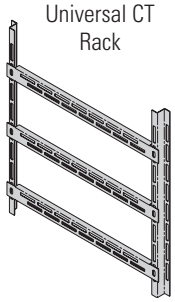


Fig. 2



415 H
Universal CT Rack



Note: Mounting base hardware not provided

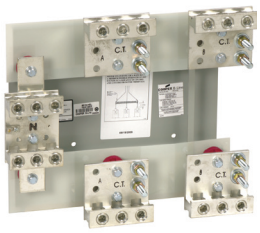
CT Mounting Bases



6019 HE



6019HELS



6019HEL

Application

- For use with CT rated enclosures
- For use with ANSI C12.11 bar type current transformers

Construction

- Bar mounts are 1/2" studs on 1 3/4" centers (line & load)

Standards

- UL 414 Listed
- ANSI C12.7
- EUSERC 328A (6019 stud/stud)
- EUSERC 328B (6019 lug/lug)
- EUSERC 329A (6067 stud/stud)
- EUSERC 329B (6067 lug/lug)

Part/UPC Number	Catalog Number	Amp Rating	# of C.T. Provisions	Service Type	Access	AIC	Phase / Neutral Conductors — Line	Phase / Neutral Conductors — Load
78205137750	**6019 A**	400	2	1Ø or 3Ø/3W	OH/UG	10K	Studs	Studs
78205137755	**6019 E**	800	2	1Ø or 3Ø/3W	OH/UG	10K	Studs	Studs
78205140822	**6019 HA**	400	2	1Ø or 3Ø/3W	OH/UG	50K	Studs	Studs
78205108761	**6019 HAL**	400	2	1Ø or 3Ø/3W	OH/UG	50K	(3) #4 - 600 MCM*	(3) #4 - 600 MCM*
78205111459	**6019 HALS**	400	2	1Ø or 3Ø/3W	OH/UG	50K	Studs	(3) #4 - 600 MCM*
78205140826	**6019 HE**	800	2	1Ø or 3Ø/3W	OH/UG	50K	Studs	Studs
78205108608	**6019 HEL**	800	2	1Ø or 3Ø/3W	OH/UG	50K	(3) #4 - 600 MCM	(3) #4 - 600 MCM
78205111461	**6019 HELS**	800	2	1Ø or 3Ø/3W	OH/UG	50K	Studs	(3) #4 - 600 MCM
78205137760	**6067 A**	400	3	3Ø/4W	OH/UG	10K	Studs	Studs
78205137765	**6067 EE**	800	3	3Ø/4W	OH/UG	10K	Studs	Studs
78205140776	**6067 HA**	400	3	3Ø/4W	OH/UG	50K	Studs	Studs
78205108698	**6067 HAL**	400	3	3Ø/4W	OH/UG	50K	(3) #4 - 600 MCM*	(3) #4 - 600 MCM*
78205111452	**6067 HALS**	400	3	3Ø/4W	OH/UG	50K	Studs	(3) #4 - 600 MCM*
78205140780	**6067 HEE**	800	3	3Ø/4W	OH/UG	50K	Studs	Studs
78205107177	**6067 HEEL**	800	3	3Ø/4W	OH/UG	50K	(3) #4 - 600 MCM	(3) #4 - 600 MCM
78205111464	**6067 HEELS**	800	3	3Ø/4W	OH/UG	50K	Studs	(3) #4 - 600 MCM

Note: * Neutral Lug is one barrel only

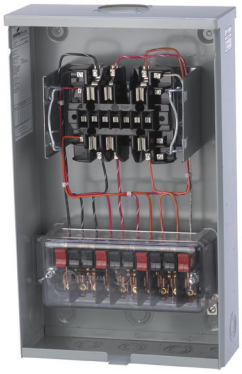
Note: Every 600 MCM lug barrel will accept (2) 1/0-250 MCM cables

Test Switch Configuration Sheet

Application
- Current transformer metering
- Customizable configurations

Construction
- BMC mounting base
- Tin and nickel plating
- Color coded handles

Standards
- UL Recognized component
- ANSI C12.9





Name _____

Company Name _____

Address _____

_____

Phone _____

Email _____

Configuration

Poles

	1	2	3	4	5	6	7	8	9	10
Switch (KS, SH, CN, TB, X)										
Bussing (B, S)										
Ganged Handles (Y, N)										
Barrier (Y, N)										
Handle Color (R, B)										
45° Stops (Y, N)										

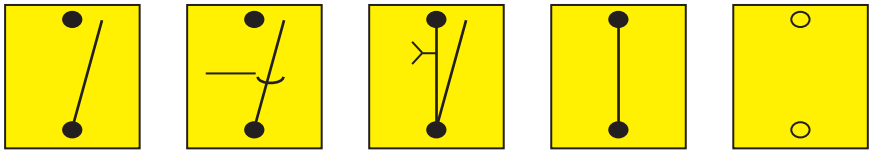
Special Features

Cover	☐	Yes	☐	No				
Base Size	☐	7 Pole	☐	10 Pole				
No. of Poles	☐	4	☐	7	☐	10	☐	Other
Plating	☐	None	☐	Tin	☐	Nickel		

Keys

Switches

KS	SH	CN	TB	X
Knife Switch	Knife Switch with shunt	Current Switch with Test Jack	Thru Bar	Unused Space



Bussing

B	Bypass
S	Short

Handle Color

R	Red
B	Black

- Other options and arrangements are available. Please contact the factory for a full product line.
- Test Switched are available mounted and wired. Contact factory for details.

For online form, see Eaton.com/testswitch.
Send completed form to customer service at Eaton's B-Line Business. See address information on back cover.

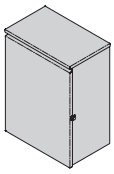
Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

CT Utility Enclosures

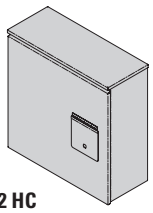
Application
- Used for split core CT applications

Construction
- NEMA Type 3R
- ANSI 61 gray painted finish
- 3/4" wood back panel installed

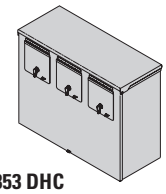
Standards
- Not UL Listed



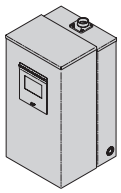
345 HC (shown)
351 HC



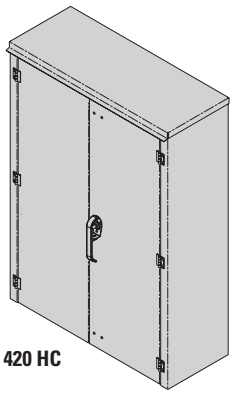
352 HC



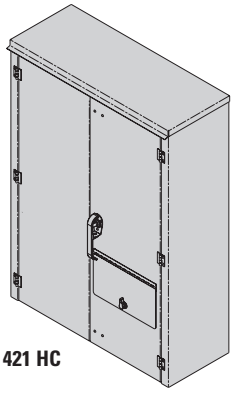
353 DHC



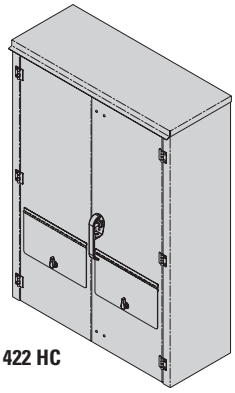
360 HC



420 HC



421 HC



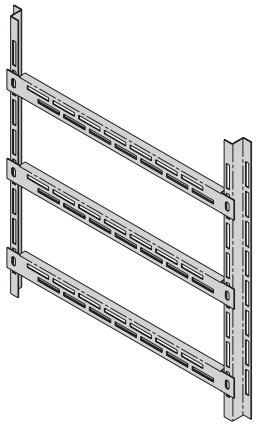
422 HC

Utility Enclosures

Part/UPC Number	Catalog Number	Overall Dimensions Height	Width	Depth	Doors	Meter Viewing Window	Special	Layout
78205138000	**345 HC**	24"	18"	11"	Single, Hinged	—	For "A" Base Metering	Fig. 1
78205138020	**351 HC**	30"	24"	11"	Single, Hinged	—	For "A" Base Metering	Fig. 1
78205138030	**352 HC**	28"	28"	11"	Single, Hinged	1, Hinged	—	Fig. 2
78205138041	**353 DHC**	24"	30"	12"	Single, Lift Off	3, Hinged	—	Fig. 3
78205138090	**360 HC**	24"	14"	10"	Single, Lift Off	1, Hinged	w/ Pole Mount Brackets	Fig. 4
78205138050	**420 HC**	48"	34"	13"	Double, Hinged	—	3-Pt Latching Handle	Fig. 5a
78205138070	**421 HC**	48"	34"	13"	Double, Hinged	1, Hinged	3-Pt Latching Handle	Fig. 5b
78205138080	**422 HC**	48"	34"	13"	Double, Hinged	2, Hinged	3-Pt Latching Handle	Fig. 5c

Universal CT Equipment Mounting Racks

Part/UPC Number	Catalog Number	Overall Dimensions Height	Width
78205138060	**415**	33"	36"
78205138065	**415 H**	26"	28"



415 H

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.



Group Meter Sockets, Gangable - 100 Amp Horizontal, Indoor Use Only ..... 80 - 81
Group Meter Sockets, Without Bypass - 100 Amp Vertical ..... 82 - 83
Group Meter Main, Without Bypass - 100 Amp Vertical ..... 84 - 85
Group Meter Sockets, Without Bypass - 100 Amp Horizontal ..... 86 - 87
Group Meter Sockets, With MCC Bypass - 100 Amp Horizontal ..... 88 - 89
Group Meter Sockets, Without Bypass - 200 Amp Vertical ..... 90 - 91
Group Meter Sockets, With MCC Bypass - 200 Amp Horizontal ..... 92 - 93
Group Meter Main, With MCC Bypass - 100 Amp Horizontal ..... 94 - 95
Group Meter Main, Without Bypass - 200 Amp Vertical ..... 96 - 97

Group Meter Sockets - Gangable

100 Amp Horizontal - Indoor Use Only



172 HSHDB (closed)



172 HSHDB (open)

Application

- For horizontal ganging of meter sockets - 6 position maximum 225A main buss
- Receive ANSI C12.10 watthour meters
- Surface mount

Construction

- Ring type
- NEMA Type 1
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 414 Listed
- ANSI C12.7

Accessories

- 5th Jaw Kit - 50365
- Screw Type Ring - 25016D

Part/UPC Number	Catalog Number	Number of Positions	Buss Amps	Amp Rating	Jaws	Service Type	Access
78205140010	**171 HS**	1	225	100	4	1Ø/3W	OH/UG
78205140170	**172 HSHDB**	2	225	100	4	1Ø/3W	OH/UG
78205140180	**173 HSHDB**	3	225	100	4	1Ø/3W	OH/UG
78205140190	**174 HSHDB**	4	225	100	4	1Ø/3W	OH/UG

Part/UPC Number	Catalog Number	Connections			Overall Dimensions			Knockout Layout
		Line	Load	Neutral	Height	Width	Depth	
78205140010	**171 HS**	#14 - 2/0	#14 - 2/0	#14 - 1/0	12"	12"	4 5/8"	Fig. 1
78205140170	**172 HSHDB**	#6 - 250 MCM	#14 - 2/0	#6 - 250 MCM	12"	24"	4 5/8"	Fig. 2
78205140180	**173 HSHDB**	#6 - 250 MCM	#14 - 2/0	#6 - 250 MCM	12"	36"	4 5/8"	Fig. 3
78205140190	**174 HSHDB**	#6 - 250 MCM	#14 - 2/0	#6 - 250 MCM	12"	48"	4 5/8"	Fig. 4

Equipment Accessories

Part/UPC Number	Catalog Number	Description
78205140280	**171 E**	End Closure w/ KO's
78205140250	**171 EXT**	Extension Pull Box
78205140260	**LK171B**	Connecting Link Kit

AIC Note:
For short circuit current ratings see page 124.

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

100 Amp - Indoor Use Only

Style #
171
172
173
174

Suffixes
SS - Stainless Steel 304 *
SS6 - Stainless Steel 316 *

Knockouts - Conduit Sizes

4D = 1¼" - 1" - ¾" - ½"
4F = 2" - 1½" - 1¼" - 1"

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts

Fig. 1

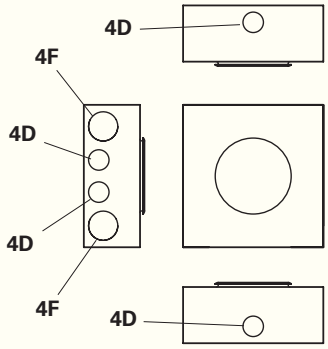


Fig. 2

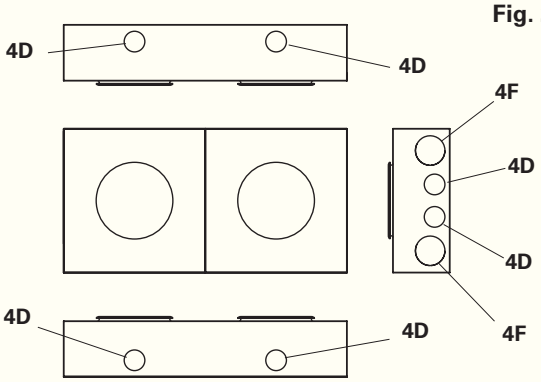


Fig. 3

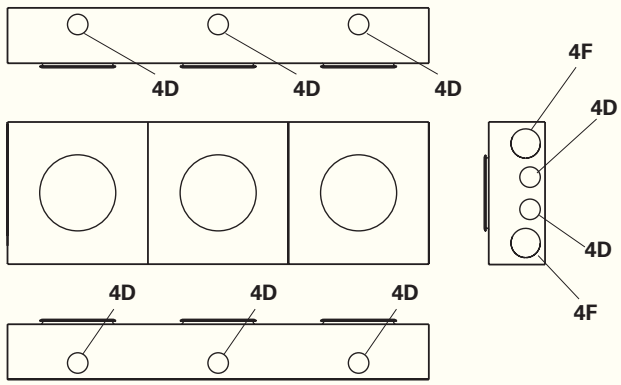
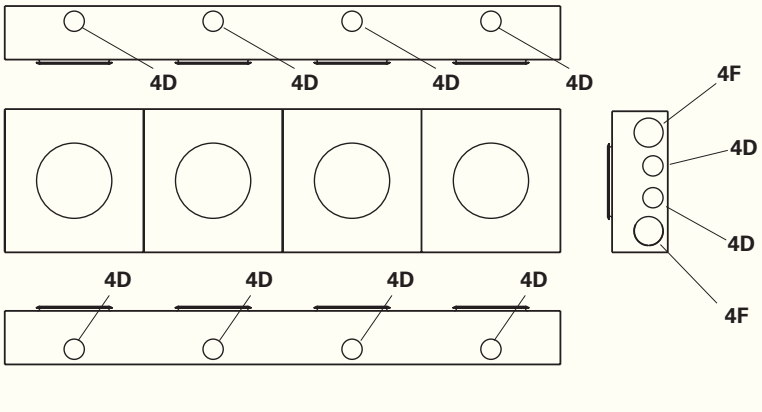


Fig. 4



Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Group Meter Sockets - Without Bypass

100 Amp Vertical



014 (closed)



014 (open)

Application
- For vertical ganging of meter sockets - 6 position maximum 225A main buss
- Receive ANSI C12.10 watthour meters
- Overhead or underground feed (see chart)
- Surface mount

Construction
- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards
- UL 414 Listed
- ANSI C12.7

Accessories
- 5th Jaw Kit - 50365
- AW Hubs & H Hubs

Part/UPC Number	Catalog Number	Number of Positions	Buss Amps	Amp Rating	Jaws	Service Type	Access
78205141370	**012**	2	225	100	4	1Ø/3W	OH/UG
78205141380	**013**	3	225	100	4	1Ø/3W	OH/UG
78205141395	**014**	4	225	100	4	1Ø/3W	OH/UG
78205141480	**014 H**	4	400	100	4	1Ø/3W	OH/UG
78205141475	**015**	5	225	100	4	1Ø/3W	OH/UG
78205141490	**015 H**	5	400	100	4	1Ø/3W	OH/UG
78205143149	**016**	6	225	100	4	1Ø/3W	OH/UG
78205141500	**016 H**	6	400	100	4	1Ø/3W	OH/UG

AIC Note:
For short circuit current ratings see page 124.

Part/UPC Number	Catalog Number	Connections			Overall Dimensions			Top Provision	Knockout Layout
		Line	Load	Neutral	Height	Width	Depth		
78205141370	**012**	#6 - 250 MCM	#14 - 2/0	#6 - 250 MCM	21 1/2"	14"	4 5/8"	AW Hub	Fig. 1
78205141380	**013**	#6 - 250 MCM	#14 - 2/0	#6 - 250 MCM	30"	14"	4 5/8"	AW Hub	Fig. 2
78205141395	**014**	#6 - 250 MCM	#14 - 2/0	#6 - 250 MCM	21 1/2"	24 1/3"	4 5/8"	AW Hub	Fig. 3
78205141480	**014 H**	#6 - 600 MCM	#14 - 2/0	#6 - 600 MCM	21 1/2"	32 1/2"	4 5/8"	H Hub	Fig. 4
78205141475	**015**	#6 - 250 MCM	#14 - 2/0	#6 - 250 MCM	21 1/2"	32 1/2"	4 5/8"	AW Hub	Fig. 5
78205141490	**015 H**	#6 - 600 MCM	#14 - 2/0	#6 - 600 MCM	21 1/2"	32 1/2"	4 5/8"	H Hub	Fig. 6
78205143149	**016**	#6 - 250 MCM	#14 - 2/0	#6 - 250 MCM	30"	24 1/3"	4 5/8"	AW Hub	Fig. 5
78205141500	**016 H**	#6 - 600 MCM	#14 - 2/0	#6 - 600 MCM	30"	32 1/2"	6"	H Hub	Fig. 6

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

100 Amp Vertical

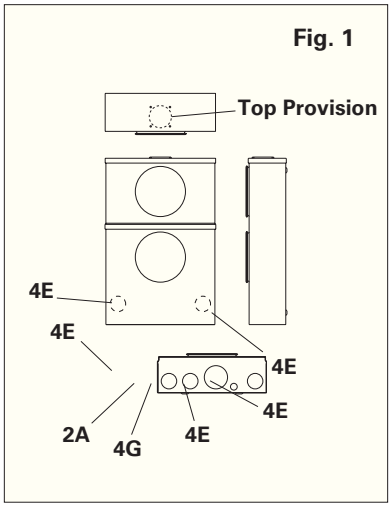
Style #	Suffixes
012	**SS** - Stainless Steel 304 *
013	**SS6** - Stainless Steel 316 *
014	
015	
016	

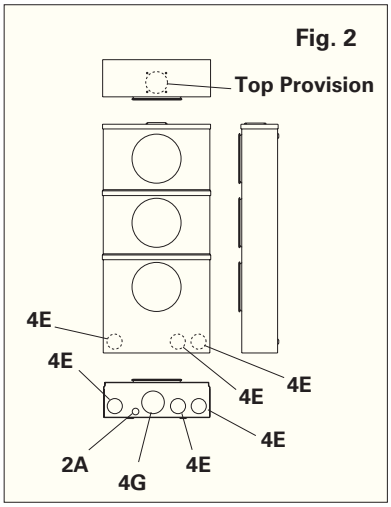
Knockouts - Conduit Sizes

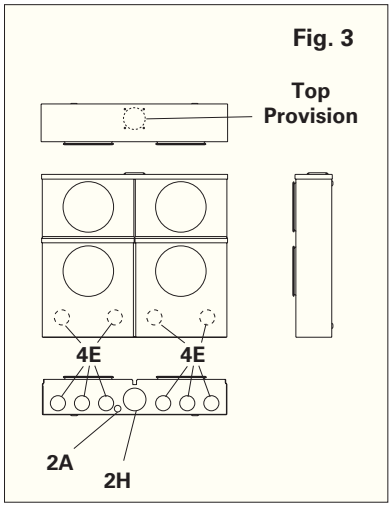
2A = ½" - ¼"
4E = 1½" - 1¼" - 1" - ¾"
4G = 2½" - 2" - 1½" - 1¼"
2H = 3" - 2½"
Top Provision = See Chart

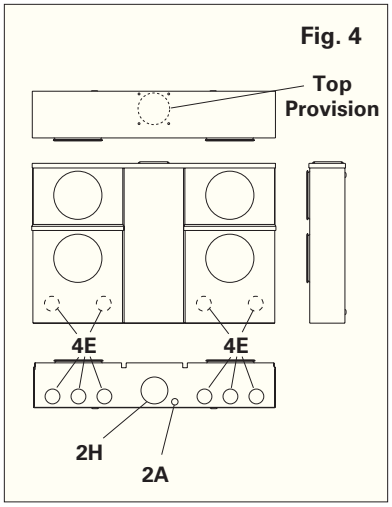
* Knockouts and top provisions are not available in Stainless Steel (SS) finish

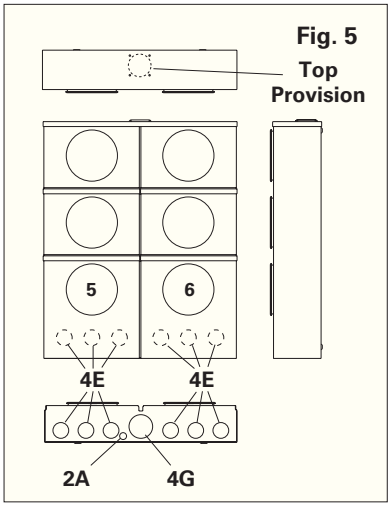
Knockout Layouts

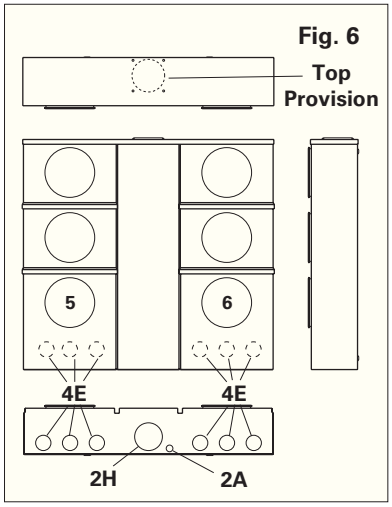












Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Group Meter Main - Without Bypass

100 Amp Vertical



2012 MS60 (closed)



2012 MS60 (open)

Application

- For vertical multi-meter/mains installations - 6 position maximum 225A and 400A main buss
- Main breaker provisions - breakers not included
- Receive ANSI C12.10 watthour meters
- Overhead or underground feed (see chart)
- Surface or flush mount (see chart)

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 67 Listed
- NEC 2020 Compliant
- ANSI C12.7
- EUSERC 342

Accessories

- 5th Jaw Kit - 50365
- AW Hubs

Part/UPC Number	Catalog Number	Number of Positions	Buss Amps	Amp Rating	Jaws	Service Type	Access	AIC	Main Breaker Provision
78205164085	**2012 MS60**	2	225	100	4	1Ø/3W	OH/UG	10K	(2) 2P
78205164245	**2012 F**	2	225	100	4	1Ø/3W	UG	10K	(2) 2P
78205164095	**2013 MS60**	3	225	100	4	1Ø/3W	OH/UG	10K	(3) 2P
78205164255	**2013 F**	3	225	100	4	1Ø/3W	UG	10K	(3) 2P
78205164115	**2014**	4	400	100	4	1Ø/3W	UG	10K	(4) 2P
78205164265	**2014 F**	4	400	100	4	1Ø/3W	UG	10K	(4) 2P
78205164135	**2015**	5	400	100	4	1Ø/3W	UG	10K	(5) 2P
78205164275	**2015 F**	5	400	100	4	1Ø/3W	UG	10K	(5) 2P
78205164165	**2016**	6	400	100	4	1Ø/3W	UG	10K	(6) 2P
78205164285	**2016 F**	6	400	100	4	1Ø/3W	UG	10K	(6) 2P

Part/UPC		Connections			Overall Dimensions				Knockout
Number	Catalog Number	Line	Load	Neutral	Height	Width	Depth	Top Provision	Layout
78205164085	**2012 MS60**	#6- 250 MCM	MCB	#6- 250 MCM	34"	22"	6"	AW Hub	Fig. 1
78205164245	**2012 F**	Studs	MCB	Studs	34"	22"	6"	None	Fig. 1
78205164095	**2013 MS60**	#6- 250 MCM	MCB	#6- 250 MCM	391/2"	22"	6"	AW Hub	Fig. 2
78205164255	**2013 F**	Studs	MCB	Studs	391/2"	22"	6"	None	Fig. 2
78205164115	**2014**	Studs	MCB	Studs	34"	32"	6"	None	Fig. 3
78205164265	**2014 F**	Studs	MCB	Studs	34"	32"	6"	None	Fig. 3
78205164135	**2015**	Studs	MCB	Studs	391/2"	32"	6"	None	Fig. 4
78205164275	**2015 F**	Studs	MCB	Studs	391/2"	32"	6"	None	Fig. 4
78205164165	**2016**	Studs	MCB	Studs	391/2"	32"	6"	None	Fig. 5
78205164285	**2016 F**	Studs	MCB	Studs	391/2"	32"	6"	None	Fig. 5

MCB - Main Circuit Breaker

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

100 Amp Vertical

Style #	Suffixes
2012	**F** - Flush Mount
2013	**MS60** - AW Hub for OH Access
2014	**SS** - Stainless Steel 304 *
2015	**SS6** - Stainless Steel 316 *
2016	

Knockouts - Conduit Sizes

1A = ½"
4E = 1½" - 1¼" - 1" - ¾"
3G = 2½" - 2" - 1½"
3K = 4" - 3½" - 3"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts

Fig. 1

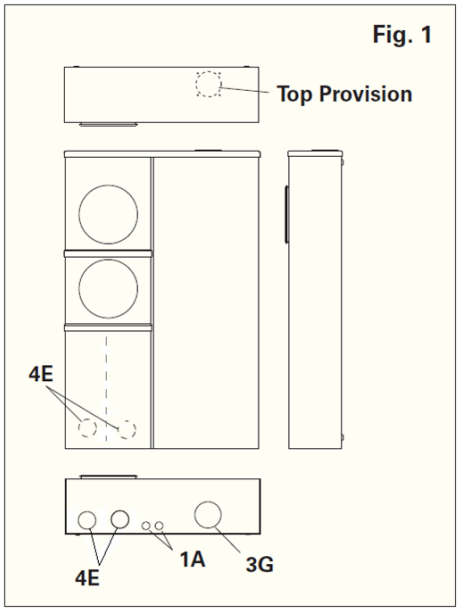


Fig. 2

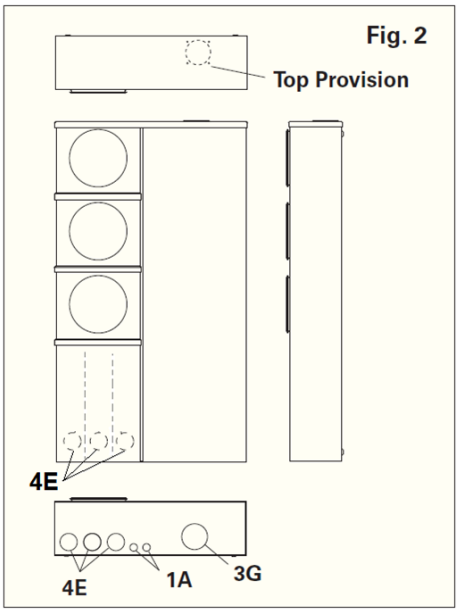


Fig. 3

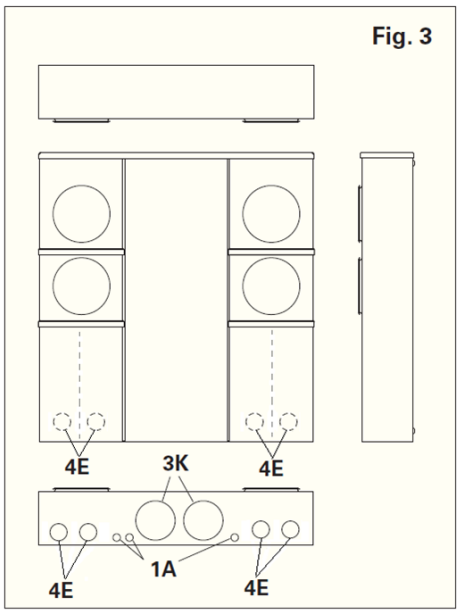


Fig. 4

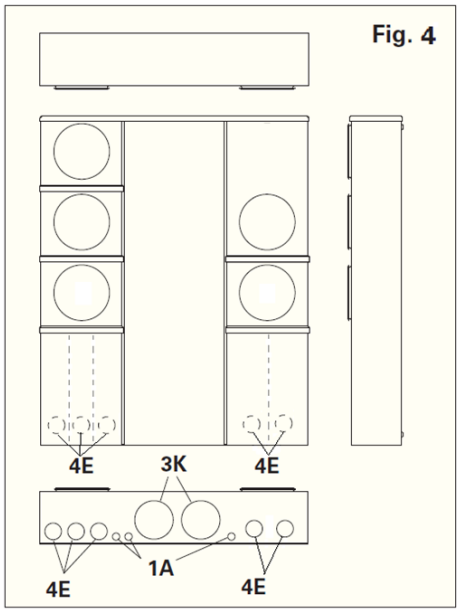
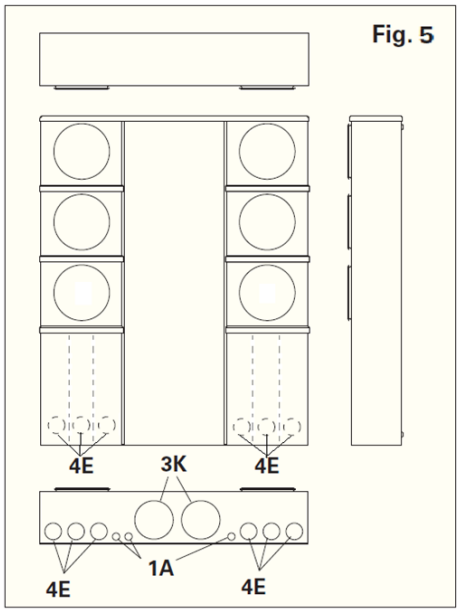


Fig. 5



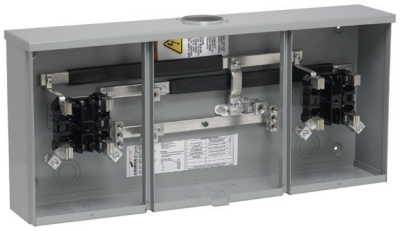
Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Group Meter Sockets - Without Bypass

100 Amp Horizontal



H012 (closed)



H012 (open)

Application

- For horizontal multi-meter installations - 4 position maximum 225A main buss
- Receive ANSI C12.10 watthour meters
- Overhead or underground feed (see chart)
- Surface mount

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 414 Listed
- ANSI C12.7

Accessories

- 5th Jaw Kit - 50365
- AW Hubs

Part/UPC Number	Catalog Number	Number of Positions	Buss Amps	Amp Rating	Jaws	Service Type	Access
78205141112	**H012**	2	225	100	4	1Ø/3W	OH/UG
78205141113	**H013**	3	225	100	7	1Ø/3W	OH/UG
78205141114	**H014**	4	225	100	4	1Ø/3W	OH/UG

Part/UPC Number	Catalog Number	Connections			Overall Dimensions			Top Provision	Knockout Layout
		Line	Load	Neutral	Height	Width	Depth		
78205141112	**H012**	#6 - 250 MCM	#14 - 2/0	#6 - 250 MCM	12"	26 1/2"	4 5/8"	AW Hub	Fig. 1
78205141113	**H013**	#6 - 250 MCM	#14 - 2/0	#6 - 250 MCM	12"	34 3/4"	4 5/8"	AW Hub	Fig. 2
78205141114	**H014**	#6 - 250 MCM	#14 - 2/0	#6 - 250 MCM	12"	43"	4 5/8"	AW Hub	Fig. 3

AIC Note:
For short circuit current ratings see page 124.

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

100 Amp Horizontal

Style #	Suffixes
H012	**SS** - Stainless Steel 304 *
H013	**SS6** - Stainless Steel 316 *
H014	

Knockouts - Conduit Sizes

2A = ½" - ¼"
4E = 1½" - 1¼" - 1" - ¾"
4G = 2½" - 2" - 1½" - 1¼"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts

Fig. 1

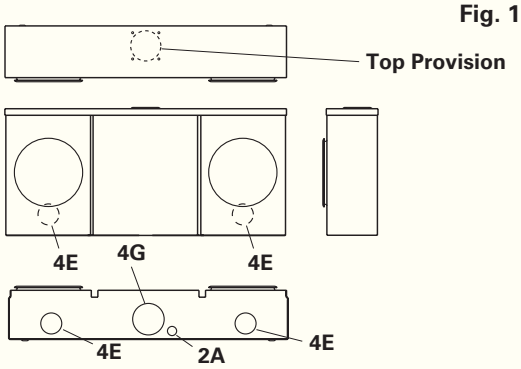


Fig. 2

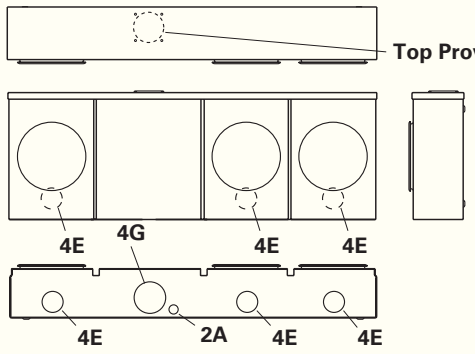
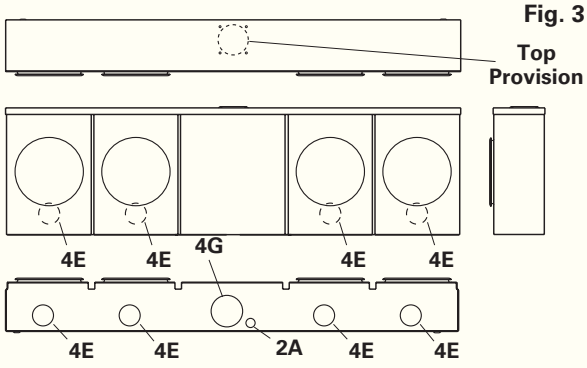


Fig. 3



Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Group Meter Sockets - With MCC Bypass

100 Amp Horizontal



142 MCC (closed)

Application

- For horizontal multi-meter installations - 4 position maximum
- Manual circuit closing (link type) bypasses under separate sealable covers
- 225A main buss
- Receive ANSI C12.10 watthour meters
- Overhead or underground feed (see chart)
- Surface mount

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 414 Listed
- ANSI C12.7

Accessories

- 5th Jaw Kit - 50365
- AW Hubs

Part/UPC Number	Catalog Number	Number of Positions	Buss Amps	Amp Rating	Jaws	Service Type	Access	Bypass
78205107766	**142 MCC**	2	225	100	4	1Ø/3W	OH/UG	MCC
78205107767	**143 MCC**	3	225	100	4	1Ø/3W	OH/UG	MCC
78205107768	**144 MCC**	4	225	100	4	1Ø/3W	OH/UG	MCC

Part/UPC Number	Catalog Number	Connections			Overall Dimensions			Top Provision	Knockout Layout
		Line	Load	Neutral	Height	Width	Depth		
78205107766	**142 MCC**	#6 - 250 MCM	#14 - 2/0	#6 - 250 MCM	17"	26 1/2"	4 5/8"	AW Hub	Fig. 1
78205107767	**143 MCC**	#6 - 250 MCM	#14 - 2/0	#6 - 250 MCM	17"	34 3/4"	4 5/8"	AW Hub	Fig. 2
78205107768	**144 MCC**	#6 - 250 MCM	#14 - 2/0	#6 - 250 MCM	17"	43"	4 5/8"	AW Hub	Fig. 3

AIC Note:
For short circuit current ratings see page 124.

100 Amp Horizontal

Style #	Suffixes
142 MCC	**SS** - Stainless Steel 304 *
143 MCC	**SS6** - Stainless Steel 316 *
144 MCC	

Knockouts - Conduit Sizes

2A = ½" - ¼"
4E = 1½" - 1¼" - 1" - ¾"
4G = 2½" - 2" - 1½" - 1¼"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts

Fig. 1

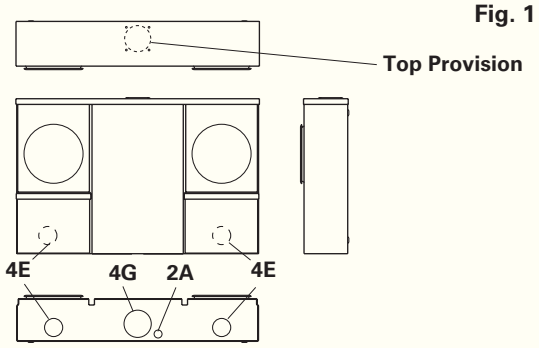


Fig. 2

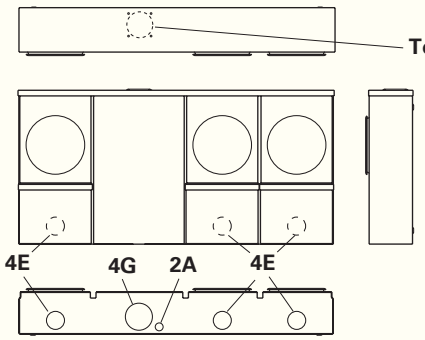
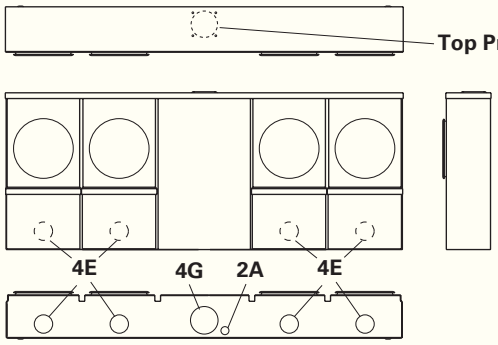


Fig. 3



Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Group Meter Sockets - Without Bypass

200 Amp Vertical



202 H (closed)



202 H (open)

Application
- For vertical multi-meter installations - 4 position maximum 400A main buss
- Receive ANSI C12.10 watthour meters
- Overhead or underground feed (see chart)
- Surface mount

Construction
- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards
- UL 414 Listed
- ANSI C12.7
- EUSERC 342

Accessories
- 5th Jaw Kit - 50365
- H Hubs

Part/UPC Number	Catalog Number	Number of Positions	Buss Amps	Amp Rating	Jaws	Service Type	Access
78205155060	**202 H**	2	400	200	4	1Ø/3W	OH/UG
78205155070	**203 H**	3	400	200	4	1Ø/3W	OH/UG
78205155080	**204 H**	4	400	200	4	1Ø/3W	OH/UG

Part/UPC Number	Catalog Number	Connections			Overall Dimensions			Top Provision	Knockout Layout
		Line	Load	Neutral	Height	Width	Depth		
78205155060	**202 H**	#4 - 600 MCM	#6 - 250 MCM	#4 - 600 MCM	32"	14"	6"	H Hub	Fig. 1
78205155070	**203 H**	#4 - 600 MCM	#4 - 250 MCM	#6 - 600 MCM	32"	28 1/4"	6"	H Hub	Fig. 2
78205155080	**204 H**	#4 - 600 MCM	#4 - 250 MCM	#6 - 600 MCM	32"	28 1/4"	6"	H Hub	Fig. 3

AIC Note:
For short circuit current ratings see page 124.

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

200 Amp Vertical

Style #
202
202 H
203 H
204 H

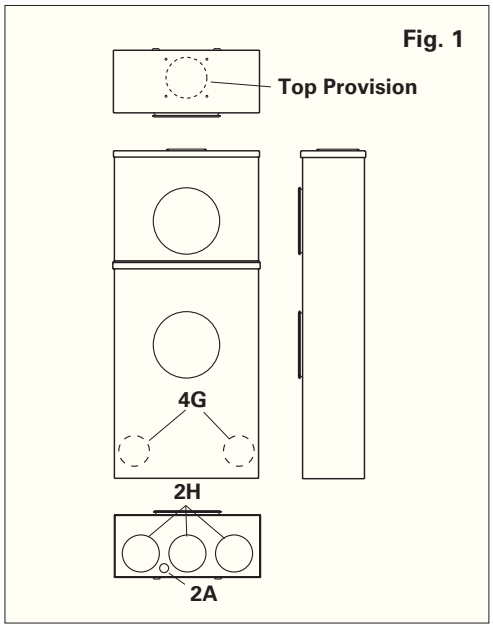
Suffixes
SS - Stainless Steel 304 *
SS6 - Stainless Steel 316 *

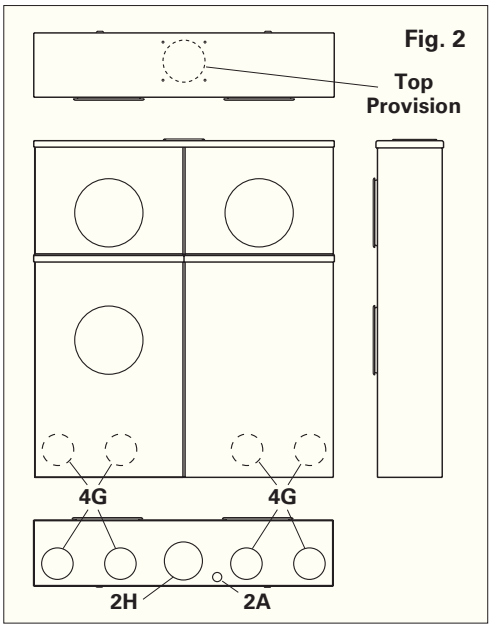
Knockouts - Conduit Sizes

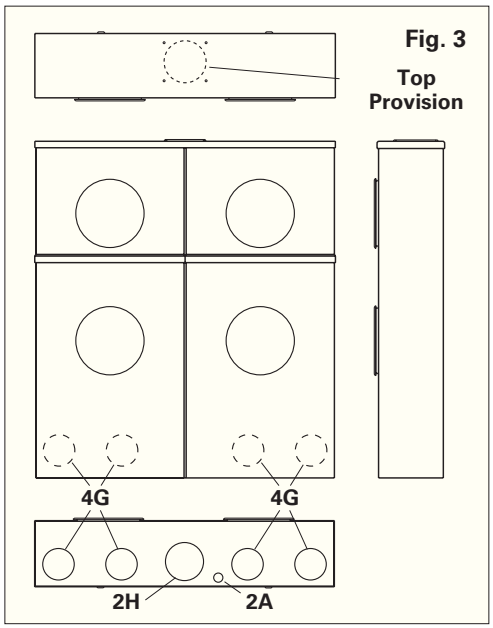
2A = ½" - ¼"
4G = 2½" - 2" - 1½" - 1¼"
2H = 3" - 2½"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts







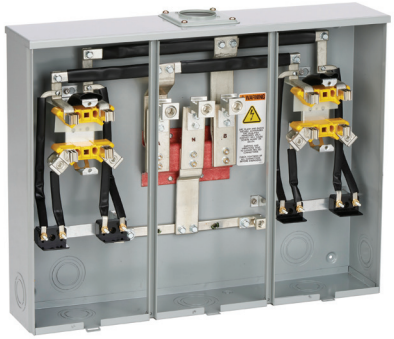
Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Group Meter Sockets - With MCC Bypass

200 Amp Horizontal



242 MCC (closed)



242 MCC (open)

Application
- For horizontal multi-meter installations - 6 position maximum
- Manual circuit closing (link type) bypasses under separate sealable covers
- 400A main buss
- Receive ANSI C12.10 watthour meters
- Overhead or underground feed (see chart)
- Surface mount

Construction
- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards
- UL 414 Listed
- ANSI C12.7

Accessories
- 5th Jaw Kit - 50365
- H Hubs

Part/UPC Number	Catalog Number	Number of Positions	Buss Amps	Amp Rating	Jaws	Service Type	Access	Bypass
78205107296	**242 MCC**	2	400	200	4	1Ø/3W	OH/UG	MCC
78205107297	**243 MCC**	3	400	200	4	1Ø/3W	OH/UG	MCC
78205107298	**244 MCC**	4	400	200	4	1Ø/3W	OH/UG	MCC
78205107299	**245 MCC**	5	400	200	4	1Ø/3W	OH/UG	MCC
78205107300	**246 MCC**	6	400	200	4	1Ø/3W	OH/UG	MCC

Part/UPC Number	Catalog Number	Connections			Overall Dimensions			Top Provision	Knockout Layout
		Line	Load	Neutral	Height	Width	Depth		
78205107296	**242 MCC**	#4 - 600 MCM	#6 - 250 MCM	#4 - 600 MCM	23"	30"	4 5/8"	H Hub	Fig. 1
78205107297	**243 MCC**	#4 - 600 MCM	#6 - 250 MCM	#4 - 600 MCM	23"	40"	4 5/8"	H Hub	Fig. 2
78205107298	**244 MCC**	#4 - 600 MCM	#6 - 250 MCM	#4 - 600 MCM	23"	50"	4 5/8"	H Hub	Fig. 3
78205107299	**245 MCC**	#4 - 600 MCM	#6 - 250 MCM	#4 - 600 MCM	23"	60"	4 5/8"	H Hub	Fig. 4
78205107300	**246 MCC**	#4 - 600 MCM	#6 - 250 MCM	#4 - 600 MCM	23"	70"	4 5/8"	H Hub	Fig. 5

AIC Note:
For short circuit current ratings see page 124.

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

200 Amp Horizontal

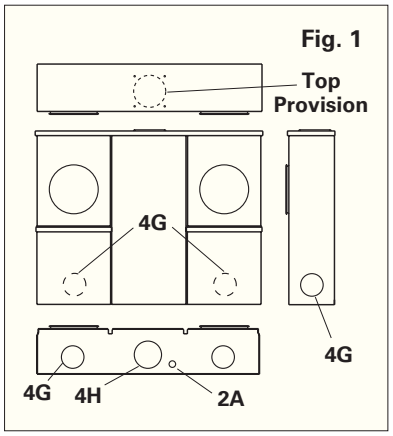
Style #	Suffixes
242 MCC	**SS** - Stainless Steel 304 *
243 MCC	**SS6** - Stainless Steel 316 *
244 MCC	
245 MCC	
246 MCC	

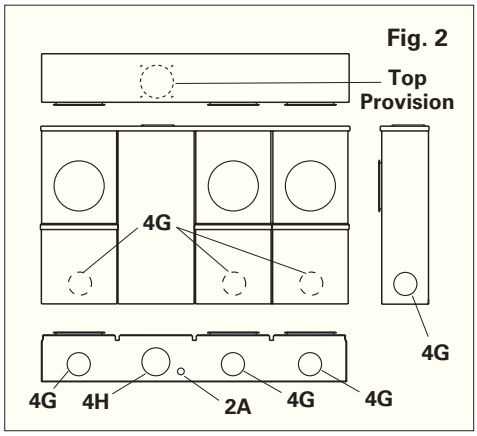
Knockouts - Conduit Sizes

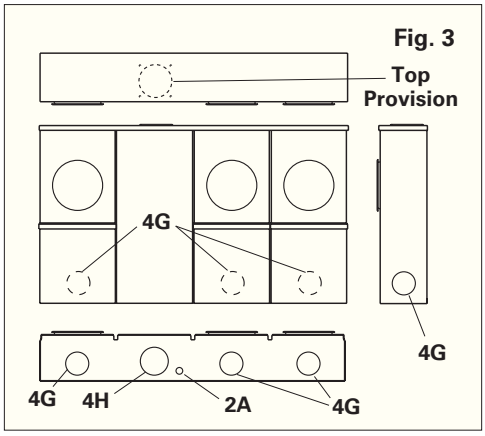
2A = ½" - ¼"
4G = 2½" - 2" - 1½" - 1¼"
4H = 3" - 2½" - 2" - 1½"
Top Provision = See Chart

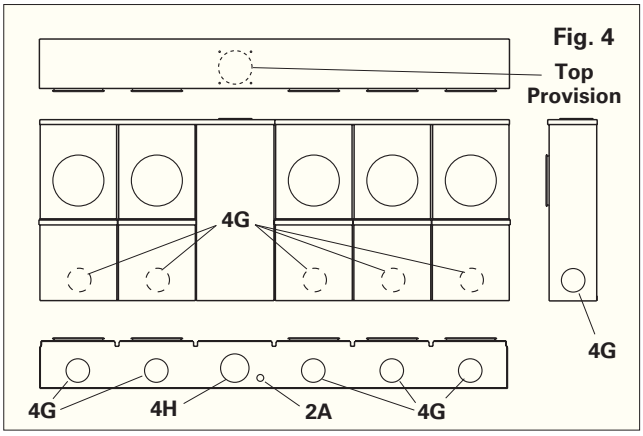
* Knockouts and top provisions are not available in Stainless Steel (SS) finish

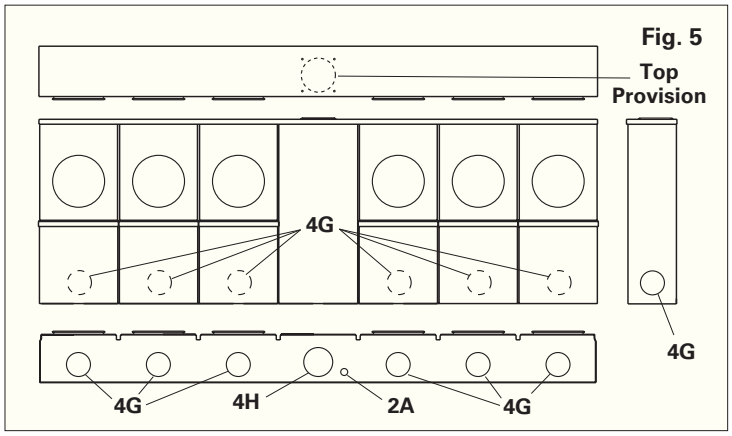
Knockout Layouts











Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Group Meter Main - With MCC Bypass

100 Amp Horizontal



152 MCCM (closed)



152 MCCM (open)

Application

- For horizontal multi-meter/mains installations - 4 position maximum
- Manual circuit closing (link type) bypasses under separate sealable covers
- 225A main buss
- Factory installed breakers
- Receive ANSI C12.10 watthour meters
- Overhead or underground feed (see chart)
- Surface mount

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 67 Listed
- NEC 2020 Compliant
- ANSI C12.7

Part/UPC Number	Catalog Number	Number of Positions	Buss Amps	Amp Rating	Jaws	Service Type	Access	Main Breaker			Bypass
								Voltage	AIC	Main	
78205107770	**152 MCCM**	2	225	100	4	1Ø/3W	OH/UG	120/240	10K	(2) 100A, 2P	MCC
78205107771	**153 MCCM**	3	225	100	4	1Ø/3W	OH/UG	120/240	10K	(3) 100A, 2P	MCC
78205107774	**154 MCCM**	4	225	100	4	1Ø/3W	OH/UG	120/240	10K	(4) 100A, 2P	MCC

Part/UPC Number	Catalog Number	Connections			Overall Dimensions			Top Provision	Knockout Layout
		Line	Load	Neutral	Height	Width	Depth		
78205107770	**152 MCCM**	#6 - 250 MCM	MCB	#6 - 250 MCM	28 1/2"	26 1/2"	4 5/8"	AW Hub	Fig. 1
78205107771	**153 MCCM**	#6 - 250 MCM	MCB	#6 - 250 MCM	28 1/2"	34 3/4"	4 5/8"	AW Hub	Fig. 2
78205107774	**154 MCCM**	#6 - 250 MCM	MCB	#6 - 250 MCM	28 1/2"	43"	4 5/8"	AW Hub	Fig. 3

MCB - Main Circuit Breaker

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

100 Amp Horizontal

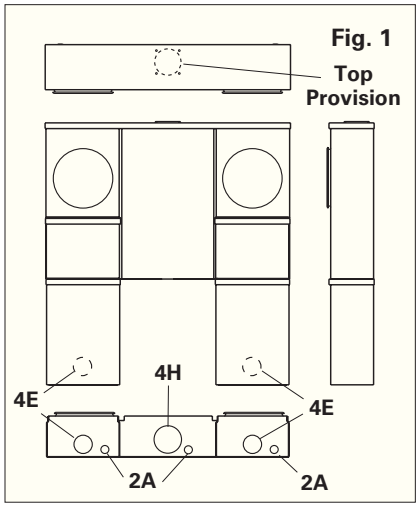
Style #	Suffixes
152 MCCM	**SS** - Stainless Steel 304 *
153 MCCM	**SS6** - Stainless Steel 316 *
154 MCCM	

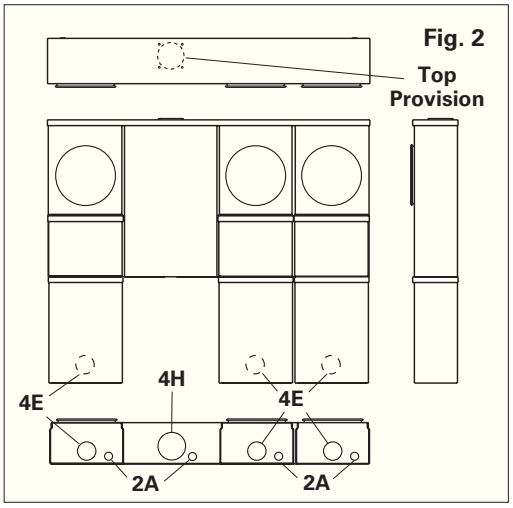
Knockouts - Conduit Sizes

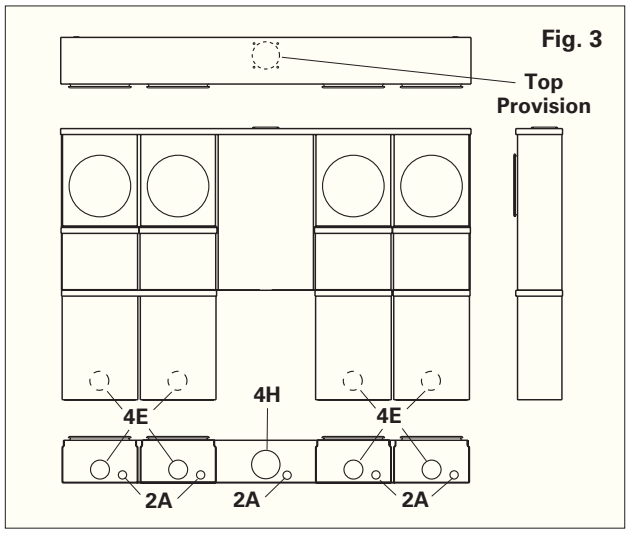
2A = ½" - ¼"
4E = 1½" - 1¼" - 1" - ¾"
4H = 3" - 2½" - 2" - 1½"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts







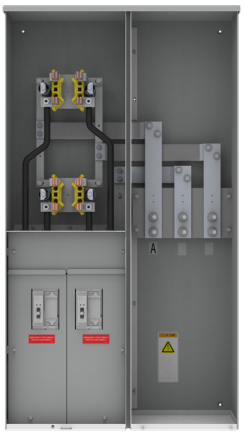
Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Group Meter Main - Without Bypass

200 Amp Vertical



2222 (closed)



2222 (open)

Application
- For vertical multi-meter/mains installations - 4 position maximum
- 400A main buss
- Factory installed breakers
- Receive ANSI C12.10 watthour meters
- Surface mount

Construction
- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards
- UL 67 Listed
- NEC 2020 Compliant
- ANSI C12.7

Accessories
- 5th Jaw Kit - 50365
- Screw Type Ring - 26016D

Part/UPC Number	Catalog Number	Number of Positions	Buss Amps	Amp Rating	Jaws	Service Type	Access	Main Breaker Voltage	Main Breaker AIC	Main Breaker Main
78205161519	**2222**	2	400	200	4	1Ø/3W	UG	120/240	10K	(2) 200A, 2P
79903854901	**2223**	3	400	200	4	1Ø/3W	UG	120/240	10K	(3) 200A, 2P
79903854902	**2224**	4	600	200	4	1Ø/3W	UG	120/240	10K	(4) 200A, 2P

Part/UPC Number	Catalog Number	Connections Line	Connections Load	Connections Neutral	Overall Dimensions Height	Overall Dimensions Width	Overall Dimensions Depth	Top Provision	Knockout Layout
78205161519	**2222**	Studs	MCB	#6 - 250 MCM	48"	26 5/8"	6"	None	Fig. 1
79903854901	**2223**	Studs	MCB	#6 - 250 MCM	48"	40 3/4"	6"	None	Fig. 2
79903854902	**2224**	Studs	MCB	#6 - 250 MCM	48"	40 3/4"	6"	None	Fig. 2

MCB - Main Circuit Breaker

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

200 Amp Vertical

Style #	Suffixes
2222	**SS** - Stainless Steel 304
2223	**SS6** - Stainless Steel 316
2224	

Layouts

Fig. 1

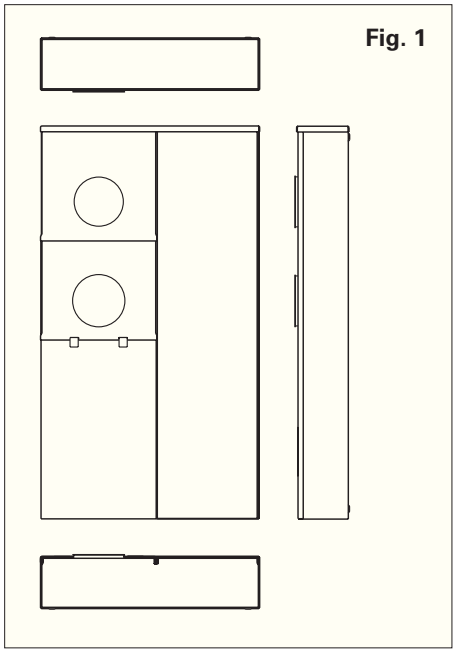
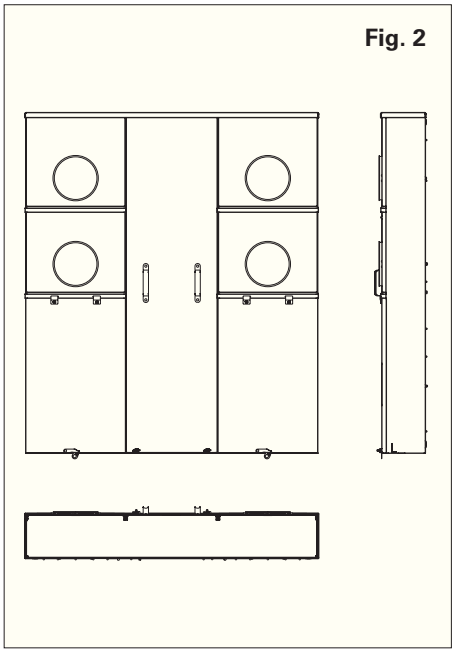


Fig. 2

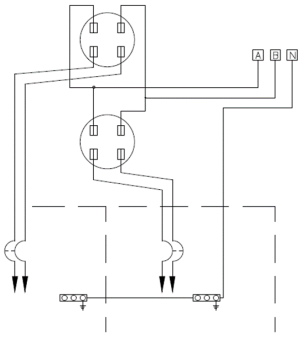


Main Breaker Data - with MCC Bypass 100A Horizontal

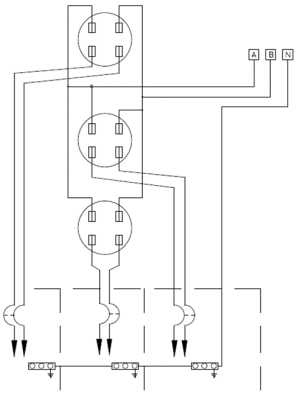
Catalog Number	B-Line Breaker #	Eaton Breaker #	Ampacity	# of Poles	AIC
152 MCCM	28108	BR2100	100A	2P	10K
153 MCCM	28108	BR2100	100A	2P	10K
154 MCCM	28108	BR2100	100A	2P	10K

Main Breaker Data - without MCC Bypass 200A Vertical

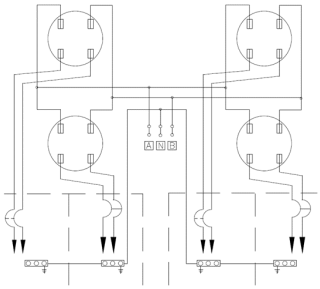
Catalog Number	B-Line Breaker #	ITE Breaker #	Ampacity	# of Poles	AIC
2222	25508 K	QR22B200	200A	2P	10K
2223	25508 K	QR22B200	200A	2P	10K
2224	25508 K	QR22B200	200A	2P	10K



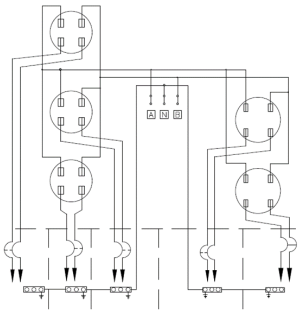
Catalog #
2012 MS60
2012 F



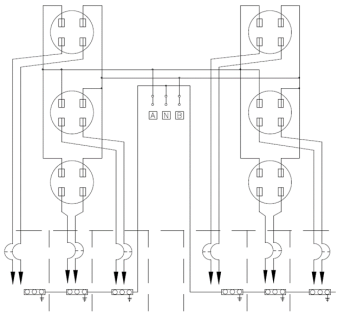
Catalog #
2013 MS60
2013 F



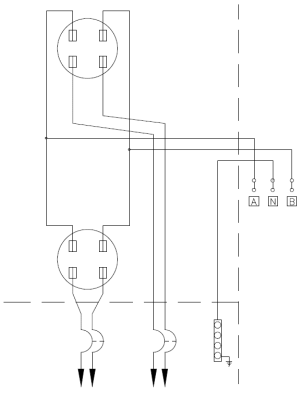
Catalog #
2014
2014 F



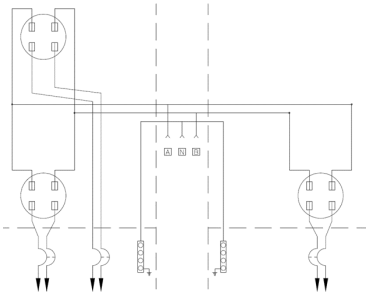
Catalog #
2015
2015 F



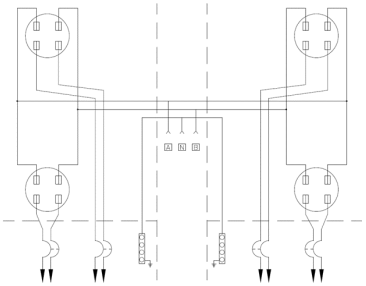
Catalog #
2016
2016 F



Catalog #
2222



Catalog #
2223



Catalog #
2224



Mobile Home Pedestal, 100/200 Amp ..... 100 - 101
Mobile Home Panel, 200 Amp ..... 102 - 103

100/200 Amp



M2M200PPD (closed)



M2M200PPD (open)

Application

- Direct bury design for mobile home applications
- Isolated compartments for customer equipment, circuit breakers, and metering service
- Hinged disconnect cover with padlock provision
- Louvered line section for ventilation
- Separate load exit enclosure
- Provisions for additional breakers
- Receive ANSI C12.10 watthour meters
- Underground feed

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 67 Listed
- NEC 2020 Compliant
- ANSI C12.7
- EUSERC 307

Accessories

- Load exit enclosure - 3245 Kit (see Fig. 2)

Part/UPC Number	Catalog Number	Amp Rating	Jaws	Service Type	Access	Main Breaker			
						Voltage	AIC	Main	Provisions
78205137400	**M1M100PD**	100	4	1Ø/3W	UG	120/240	10K	(1) 100A, 2P	(1) 100A
78205105591	**M1M100PD MS66**	100	4	1Ø/3W	UG	120/240	10K	(1) 100A, 2P	(1) 100A
78205137610	**M2M200PD**	200	4	1Ø/3W	UG	120/240	10K	(1) 200A, 2P	(1) 100A
78205137620	**M2M200PD MS67**	200	4	1Ø/3W	UG	120/240	10K	(1) 200A, 2P	(1) 100A
78205137630	**M2M200PPD**	200	4	1Ø/3W	UG	120/240	10K	(1) 200A, 2P	(2) 100A
78205137640	**M2M200PPD MS67**	200	4	1Ø/3W	UG	120/240	10K	(1) 200A, 2P	(2) 100A

Part/UPC Number	Catalog Number	Connections			Overall Dimensions			Top Provision	Knockout Layout
		Line	Load	Neutral	Height	Width	Depth		
78205137400	**M1M100PD**	#6 - 350 MCM	MCB	#6 - 350 MCM	78"	10"	4 5/8"	None	Fig. 1
78205105591	**M1M100PD MS66**	Studs	MCB	#6 - 350 MCM	78"	10"	4 5/8"	None	Fig. 1
78205137610	**M2M200PD**	#6 - 250 MCM	MCB	#6 - 350 MCM	78"	14"	4 5/8"	None	Fig. 3
78205137620	**M2M200PD MS67**	Studs	MCB	#6 - 350 MCM	78"	14"	4 5/8"	None	Fig. 3
78205137630	**M2M200PPD**	#6 - 250 MCM	MCB	#6 - 350 MCM	78"	14"	4 5/8"	None	Fig. 3
78205137640	**M2M200PPD MS67**	Studs	MCB	#6 - 350 MCM	78"	14"	4 5/8"	None	Fig. 3

MCB - Main Circuit Breaker

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

100/200 Amp

Style #
M1M1xxPD
M2M2xxPD
M2M2xxPDD*

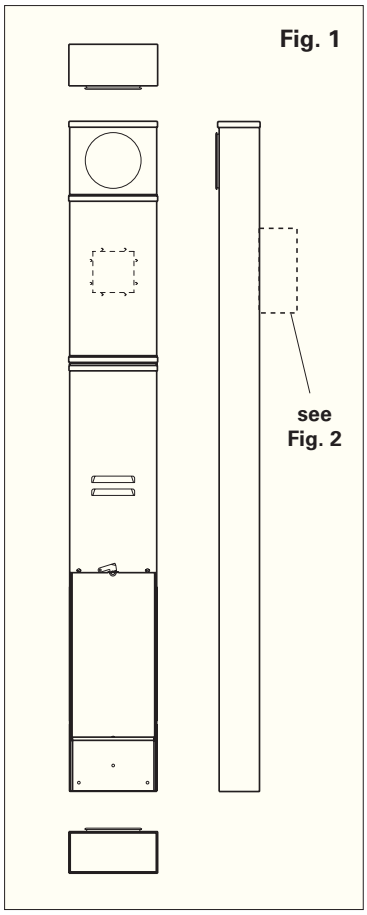
Suffixes
MS43 - Main breaker not included
MS66 - Studs replace line side connectors
MS67 - Studs replace line side connectors
SS - Stainless Steel 304 *
SS6 - Stainless Steel 316 *

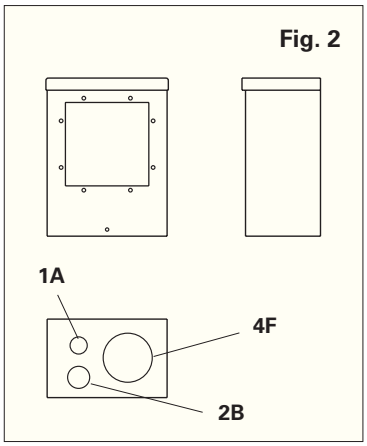
Knockouts - Conduit Sizes

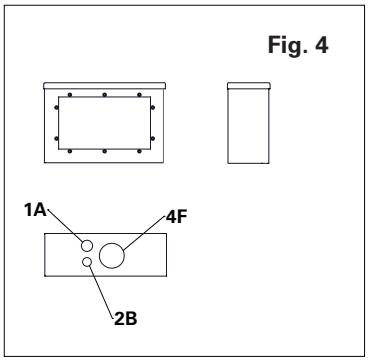
1A = ½"
2B = ¾" - ½"
4F = 2" - 1½" - 1¼" - 1"

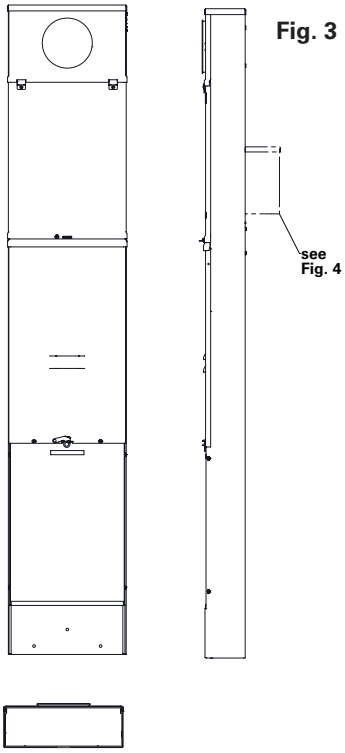
* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts









Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

200 Amp



U2M200P (closed)



U2M200P (open)

Application

- Designed for mobile home applications
- Provisions for additional breakers
- Receive ANSI C12.10 watthour meters
- Overheard or underground feed (see chart)
- Surface mount

Construction

- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Aluminum snap ring included

Standards

- UL 67 Listed
- ANSI C12.7

Accessories

- Flush Trim Kit - FK 1430
- AW Hubs

Part/UPC Number	Catalog Number	Amp Rating	Jaws	Service Type	Access	Main Breaker			
						Voltage	AIC	Main	Provisions
78205157310	**U2M200**	200	4	1Ø/3W	OH/UG	120/240	10K	(1) 200A, 2P	--
78205157315	**U2M200P**	200	4	1Ø/3W	OH/UG	120/240	10K	(1) 200A, 2P	(1) 2P
78205157320	**U2M200PP**	200	4	1Ø/3W	OH/UG	120/240	10K	(1) 200A, 2P	(2) 2P

Part/UPC Number	Catalog Number	Connections			Overall Dimensions			Top Provision	Knockout Layout
		Line	Load	Neutral	Height	Width	Depth		
78205157310	**U2M200**	#6 - 250 MCM	MCB	#6 - 250 MCM	30"	14"	4 5/8"	AW Hub	Fig. 1
78205157315	**U2M200P**	#6 - 250 MCM	MCB	#6 - 250 MCM	30"	14"	4 5/8"	AW Hub	Fig. 1
78205157320	**U2M200PP**	#6 - 250 MCM	MCB	#6 - 250 MCM	30"	14"	4 5/8"	AW Hub	Fig. 1

MCB - Main Circuit Breaker

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

200 Amp

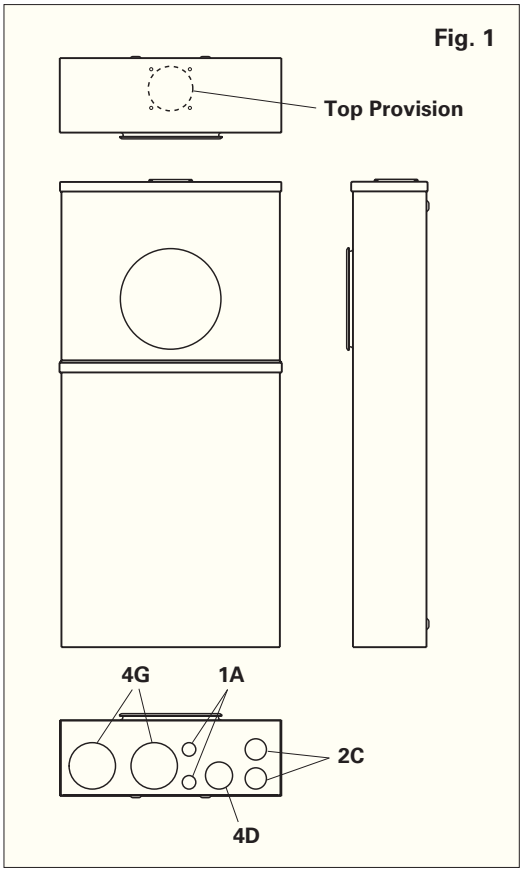
Style #	Suffixes
U2M200	**SS** - Stainless Steel 304 *
U2M200P	**SS6** - Stainless Steel 316 *
U2M200PP	

Knockouts - Conduit Sizes

1A = ½"
2C = 1" - ¾"
4D = 1¼" - 1" - ¾" - ½"
4G = 2½" - 2" - 1½" - 1¼"
Top Provision = See Chart

* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Knockout Layouts



Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Notes



Commercial Metering Pedestals - Features & Applications 106
Commercial Metering Pedestals - Mounting Base Details 107
Commercial Metering Pedestals - Pad Mounted 108
Commercial Metering Pedestals - Post/Wall Mounted 109
Commercial Metering Pedestals - Pad Mounted, Unmetered 110

Post, Wall, or Pad Mounted Pedestals with Isloated Components for Utility Metering



Name _____

Company Name _____

Address _____

_____

Phone _____

Email _____

Typical Application
- Street & highway lighting
- Traffic signal controller metering
- Irrigation control systems
- Park & recreation facilities
- Golf course lighting
- Sign lighting

Construction
- NEMA Type 3R
- UL Listed
- ANSI 12.7
- EUSERC #308 Compliant (CMP4xxx MC1)

Service conductor terminations and customer's equipment can be factory customized to meet specific job requirements

Commercial Metering Pedestal - Customization Form

Enclosure Mounting Type _____

Supply Voltage _____ Service _____

Supply Amperage _____ Short Circuit Rating _____

Meter Bypass: Safety Socket (Test Block) ❑ Manual Circuit Closing ❑ No Bypass ❑

Disconnect: Main Circuit Breaker ❑ Class "T" Fused Pullout ❑

Distribution: Circuit Panelboard _____ None ❑

Finish: Light Gray (ANSI 61) ❑ Light Green ❑ Federal Brown ❑

Light Gray (ANSI 49) ❑ White ❑ Other _____

Controls:

❑ Switch: HOA (Hand-Off-Auto)_____ Test Switch_____

❑ Photo-E;ectric Cell: In Window_____ Field Installed_____

❑ Time Clock: 24 Hour_____ 7 Day_____ Electronic_____ Mechanical_____

❑ Lighting Contractor: Amps_____ Poles_____ Control Voltage

❑ Thermostat: Electronic_____ Mechanical_____

❑ Cabinet Heater: Watts___ ❑ Control Transformer: Amps

❑ Duplex Receptacles: ❑ Terminal Block

For online form, see Eaton.com/cmp.

Send completed form to customer service at Eaton's B-Line Business. See address information on back cover.

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Installation Instructions for

CMP-4000 Series

Meter pedestals are designed for pad-mount installation.
Two methods can be used to install pedestals on a concrete pad.

Method 1. Use pre-fabricated mounting base assembly.

Cat. No. MB1515 - Suitable for 15″ wide x 15″ deep pedestals.

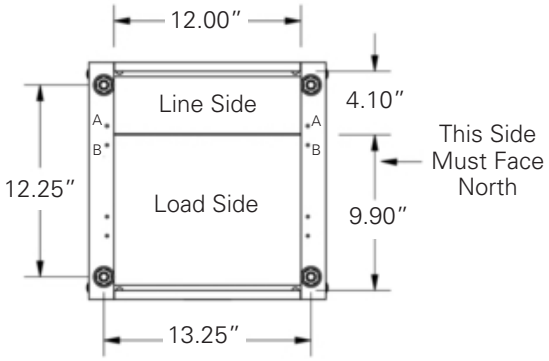
Cat. No. MB2015 - Suitable for 20″ wide x 15″ deep pedestals.

Install mounting base assembly flush with top surface of concrete pad, allowing mounting studs to reach above pad. Locate line and load conduits in the designated areas as shown on drawings below.

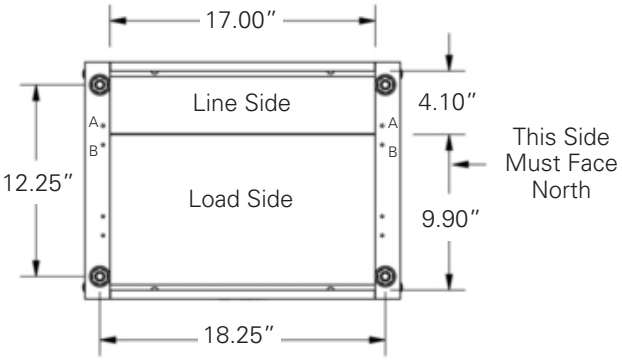
Note: Barrier position 'B' for legacy B-Line series CMP alignment.

Caution**:**
Pedestals with photo-electric controls - right hand side must be facing to the North.(See drawings below)

MB1515



MB2015



Method 2. Use anchor bolts ($^{5}/_{8}$″ dia.) pre-cast in concrete pad. Mounting hole dimensions are shown above for MB1515 (15″ x 15″) and MB2015 (20″ x 15″) pedestals. Locate line and load conduits the same as in Method 1.

Commercial Meter Pedestals - Pad Mounted



CMP4111MC-1



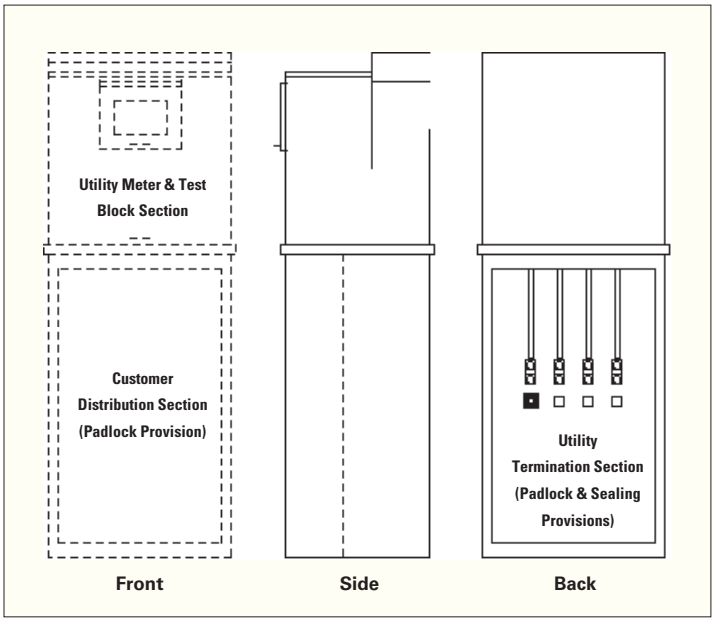
Application
- Utility meter, main disconnect and distribution panel
- Receive ANSI C12.10 watthour meters

Construction
- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Separate sealable utility termination and meter compartments
- Padlockable disconnect and distribution section
- Underground feed

Standards
- UL Listed
- ANSI C12.7
- EUSERC #308

Accessories
- 5th jaw kit - 50365 (single phase)
- Filler plate kit - 25139
- Class T fusible pullouts
- Controls, see page 106

Catalog Number	Amp Rating	Jaws	Service Type	Bypass	Voltage	Distribution		Type	Mounting Pad	Dimensions		
						Main Breaker	Branches			Width	Depth	Height
CMP4111MC-1	100	4	1Ø,3W	TB	240	100A,2P	12	Plug-In	MB1515	15″	17 1/2″	54″
CMP4111MCH-1	100	4	1Ø,3W	TB	480	100A,2P	14	Bolt-On	MB2015	20″	17 1/2″	54″
CMP4121MC-1	200	4	1Ø,3W	TB	240	200A,2P	12	Plug-In	MB1515	15″	17 1/2″	54″
CMP4121MCH-1	200	4	1Ø,3W	TB	480	200A,2P	18	Bolt-On	MB2015	20″	17 1/2″	54″
CMP4411MC-1	100	7	3Ø,4W	TB	240	100A,3P	12	Plug-In	MB1515	15″	17 1/2″	54″
CMP4411MCH-1	100	7	3Ø,4W	TB	480	100A,3P	12	Bolt-On	MB2015	20″	17 1/2″	54″
CMP4421MC-1	200	7	3Ø,4W	TB	240	200A,3P	12	Plug-In	MB1515	15″	17 1/2″	54″
CMP4421MCH-1	200	7	3Ø,4W	TB	480	200A,3P	18	Bolt-On	MB2015	20″	17 1/2″	54″



Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.



CMP4111M

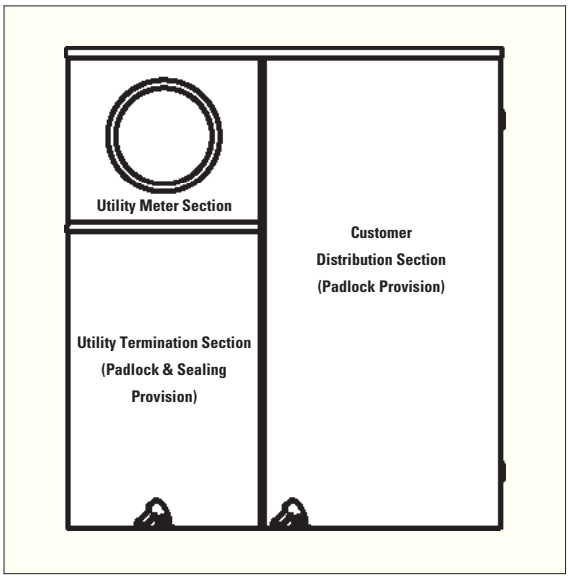
Application
- Utility meter, main disconnect and distribution panel
- Receive ANSI C12.10 watthour meters

Construction
- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Separate sealable utility termination and meter compartments
- Padlockable disconnect and distribution section
- Underground feed

Standards
- UL Listed
- ANSI C12.7

Accessories
- 5th jaw kit - 50365 (single phase)
- Filler plate kit - 25139
- Class T fusible pullouts
- Controls, see page 106

Catalog Number	Amp Rating	Jaws	Service Type	Bypass	Voltage	Distribution		Type	Dimensions		
						Main Breaker	Branches		Width	Depth	Height
CMP4111M	100	4	1Ø,3W	--	240	100A,2P	12	Plug-In	32″	8″	32″
CMP4111MC	100	4	1Ø,3W	TB	240	100A,2P	12	Plug-In	32″	8″	32″
CMP4111MCH	100	4	1Ø,3W	TB	480	100A,2P	14	Bolt-On	32″	8″	38″
CMP4121M	200	4	1Ø,3W	--	240	200A,2P	12	Plug-In	32″	8″	38″
CMP4121MC	200	4	1Ø,3W	TB	240	200A,2P	12	Plug-In	32″	8″	38″
CMP4121MCH	200	4	1Ø,3W	TB	480	200A,2P	18	Bolt-On	32″	8″	38″
CMP4411M	100	7	3Ø,4W	--	240	100A,3P	12	Plug-In	32″	8″	32″
CMP4411MC	100	7	3Ø,4W	TB	240	100A,3P	12	Plug-In	32″	8″	32″
CMP4411MCH	100	7	3Ø,4W	TB	480	100A,3P	12	Bolt-On	32″	8″	32″
CMP4421M	200	7	3Ø,4W	--	240	200A,3P	12	Plug-In	32″	8″	32″
CMP4421MC	200	7	3Ø,4W	TB	240	200A,3P	12	Plug-In	32″	8″	32″
CMP4421MCH	200	7	3Ø,4W	TB	480	200A,3P	18	Bolt-On	32″	8″	38″



Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

Commercial Meter Pedestals - Pad Mounted, Unmetered



CUP4111

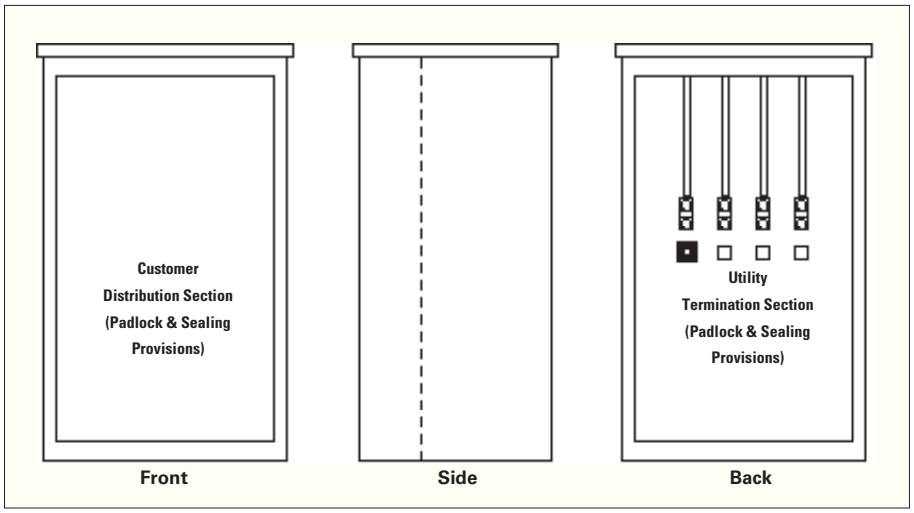
Application
- Utility meter, main disconnect and distribution panel

Construction
- Ring type
- NEMA Type 3R
- ANSI 61 gray painted finish
- Separate sealable utility termination and meter compartments
- Padlockable disconnect and distribution section
- Underground feed

Standards
- UL Listed
- ANSI C12.7

Accessories
- 5th jaw kit - 50365 (single phase)
- Filler plate kit - 25139
- Class T fusible pullouts
- Controls, see page 106

Catalog Number	Amp Rating	Service Type	Bypass	Distribution				Mounting Pad	Dimensions		
				Voltage	Main Breaker	Branches	Type		Width	Depth	Height
CUP4111	100	1Ø,3W	TB	240	100A,2P	12	Plug-In	MB1515	15″	17 1/2″	32″
CUP4111H	100	1Ø,3W	TB	480	100A,2P	14	Bolt-On	MB2015	20″	17 1/2″	32″
CUP4121	200	1Ø,3W	TB	240	200A,2P	12	Plug-In	MB1515	15″	17 1/2″	32″
CUP4121H	200	1Ø,3W	TB	480	200A,2P	18	Bolt-On	MB2015	20″	17 1/2″	32″
CUP4411	100	3Ø,4W	TB	240	100A,3P	12	Plug-In	MB1515	15″	17 1/2″	32″
CUP4411H	100	3Ø,4W	TB	480	100A,3P	12	Bolt-On	MB2015	20″	17 1/2″	32″
CUP4421	200	3Ø,4W	TB	240	200A,3P	12	Plug-In	MB1515	15″	17 1/2″	32″
CUP4421H	200	3Ø,4W	TB	480	200A,3P	18	Bolt-On	MB2015	20″	17 1/2″	32″



Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.



Covers & Sealing Rings 112
AW & H-Base Hubs 112
Door Stops, Flush Trim Kits & Overhead Conversion Kits 113
Lug-Stud & Lug-Lug Terminal Pad Assemblies 114
Terminal Landing Pads, 5th Jaw Terminal Kits, Insulator 114
Breaker Stab Assembly, Jumper Link, MTB Cover Kit 115
Test Blocks for TB Sockets 115
Class "T" Replacement Fuses for MTBP & MTBPL Units 115
Sealing Device Packages & Oil-Tight Hole Seals 116
Ground Lug Kits, Triplex Ground Connectors, Touch-Up Paint 117



25016A
25016B (shown)



25162



25016D

Covers & Sealing Rings

Catalog Number	Description
30420	Steel Cover For Socket Opening
25162	Clear Lexan Cover For Socket Opening
25016A	Aluminum Snap Type Sealing Ring
25016B	Stainless Steel Snap Type Sealing Ring
25016D	Anodized Aluminum Screw Type Sealing Ring



AW200



AW CAP

AW Hubs

Interchangeable gasketless hubs for conduit sizes 1" through 2½" per ANSI C12.7. All hubs are threaded and secured by bolting hub to top of meter enclosure with tapped holes in enclosure.

Catalog Number	Hub Description
AW CAP	Cap
AW100	1" Conduit Size
AW125	1¼" Conduit Size
AW150	1½" Conduit Size
AW200	2" Conduit Size
AW250	2½" Conduit Size



H7



H10

H-Base Hubs

Interchangeable gasketless hubs for conduit sizes 3" through 4" per ANSI C12.7. All hubs are threaded and secured by bolting hub to top of meter enclosure with tapped holes in enclosure. For sizes less than 3", use a H7 adapter with the AW Hub series.

Catalog Number	Hub Description
H7	Adapter From Large H-Base Hub To AW Hub
H10	Closure Plate
H30	3" Conduit Size
H35	3½" Conduit Size
H40	4" Conduit Size

Door Stops

Door stop kits are intended for a single door wall-mount enclosures that has a minimum width of 16 inches. The kit is designed to mount at the top or bottom of the door opening. When properly installed the door can be held open approximately 135°. Tools are not necessary to affix or release the stop. When not in use the assembly folds and locks neatly away. Each kit contains detailed mounting instructions and all the necessary hardware for field assembly.



Catalog Number	Description
DSTOPK	Door stop kit

Flush Trim Kits

Flush trim kits are used to change a meter enclosure from a surface mount to a semi-flush.
Kits include all necessary hardware and instructions for field installation.

Catalog Number	Fits Enclosures
FK1432	14 x 32
FK2432	24 x 32
FK2438	24 x 38
FK3038	30 x 38
FK3447	34 x 47
FK1421A	14 x 21 1/2
FK1430	14 x 30
FK2421A	24 x 21 1/2
FK2430A	24 x 30
FK3221A	32 x 21
FK3230	32 x 30
FK2832A	28 x 32 1/2

Overhead Conversion Kit

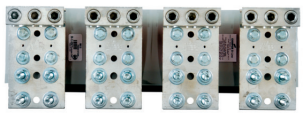
Overhead conversion kits are used on the U404 series to convert meter enclosure from underground to overhead feed. Kit is constructed with knockouts, an H-base hub provision and sealable utility cover. The kit includes (3) mechanical lugs to convert line side stud termination to mechanical termination:
stud spacing 1¾" center to center.

Wire range per lug: (1) 4 AWG – 600 kcmil
or (2) 1 AWG – 250 kcmil
or (2) 2 AWG – 3/0 AWG

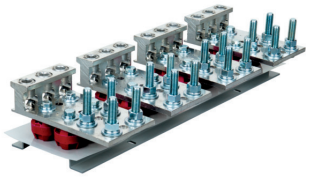


Catalog Number	Size (Height x Width x Depth)
CK8326	32" x 8" x 6"

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.



R9002EE shown



R9002_ Series

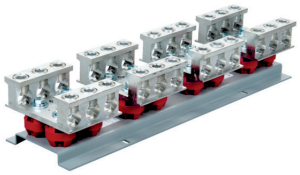
Lug - Stud Terminal Pad Assemblies *UL Listed

Each pad comes complete with insulator.

			Phase & Neutral Conductor	
Catalog Number	Max Amperes	Landing Pads	Line	Load
R9002C	400 Amp	3	2 Studs / Ø	(1) 4 AWG- 600 kcmil or (2) 1/0 - 250 kcmil
R9002CC	400 Amp	4	2 Studs / Ø	(1) 4 AWG- 600 kcmil or (2) 1/0 - 250 kcmil
R9002E	800 Amp	3	4 Studs / Ø	(3) 4 AWG- 600 kcmil or (6) 1/0 - 250 kcmil
R9002EE	800 Amp	4	4 Studs / Ø	(3) 4 AWG- 600 kcmil or (6) 1/0 - 250 kcmil
R9002F	1200 Amp	3	6 Studs / Ø	(4) 4 AWG- 600 kcmil or (8) 1/0 - 250 kcmil
R9002FF	1200 Amp	4	6 Studs / Ø	(4) 4 AWG- 600 kcmil or (8) 1/0 - 250 kcmil



R9002EEL shown



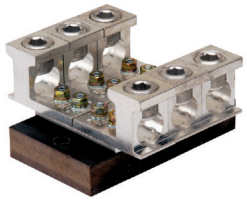
R9002_L Series

Lug - Lug Terminal Pad Assemblies *UL Listed

Each pad comes complete with insulator.

			Phase & Neutral Conductor
Catalog Number	Max Amperes	Landing Pads	Load
R9002CL	400 Amp	3	(1) 4 AWG- 600 kcmil or (2) 1/0 - 250 kcmil
R9002CCL	400 Amp	4	(1) 4 AWG- 600 kcmil or (2) 1/0 - 250 kcmil
R9002EL	800 Amp	3	(3) 4 AWG- 600 kcmil or (6) 1/0 - 250 kcmil
R9002EEL	800 Amp	4	(3) 4 AWG- 600 kcmil or (6) 1/0 - 250 kcmil
R9002FL	1200 Amp	3	(4) 4 AWG- 600 kcmil or (8) 1/0 - 250 kcmil
R9002FFL	1200 Amp	4	(4) 4 AWG- 600 kcmil or (8) 1/0 - 250 kcmil





9005E shown

9005_ Series

Terminal Landing Pads *Not UL Listed

Each pad comes complete with insulator.

Catalog Number	Max Amperes	Max Incoming/Outgoing Conductors
9005B	200 Amp	(1) 250 kcmil
9005BB	200 Amp	(1) 250 kcmil
9005C	400 Amp	(1) 600 kcmil or (2) 250 kcmil
9005D	600 Amp	(2) 600 kcmil or (4) 250 kcmil
9005E	800 Amp	(3) 600 kcmil or (6) 250 kcmil
9005F	1200 Amp	(4) 600 kcmil or (8) 250 kcmil



50371



50365

5th Jaw Terminal Kits

Catalog Number	Description
50371	100 Amp & 200 AMP, 1Ø, 3W Applications
50365	100 Amp & 200 AMP, 1Ø, 3W Applications
MSR5TK	100 Amp & 200 AMP - 011 & U204 kits



25104

Miscellaneous

Catalog Number	Description
25104	Insulator - Red Poly-Glass 1 3/8"H x 1 3/8"D, 3/8" Thread

Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.



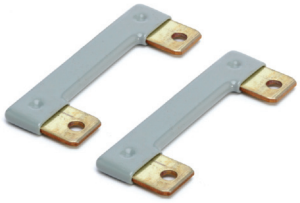
20212A



20213A

Breaker Stab Assembly

Catalog Number	Description
20212A	2-Pole
20213A	3-Pole



SJ-100

Jumper Link

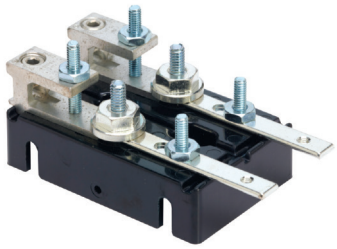
Catalog Number	Description
SJ-100	100 & 200 Ampere Jumper Link



25439

Cover Kit

Catalog Number	Description
25439	Replacement Breaker Cover - 5" wide
25440	Replacement Breaker Cover - 6 3/8" wide

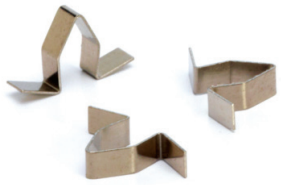


20252A

Test Blocks For TB Sockets

Catalog Number	Description
20252A	100 Amp, 2-Pole Test Block
20250C	100 Amp, 2-Pole Test Block With Barriers
20252B	200 Amp, 2-Pole Test Block
20251C	200 Amp, 2-Pole Test Block With Barriers
20258A	100 Amp, 2-Pole With Lugs On Both Ends
20258B	200 Amp, 2-Pole With Lugs On Both Ends

Sealing Device Packages



SEALC

Sealing hardware devices are used as replacement pieces for various enclosures and wireway. All hardware is plated.

Catalog Number	Description	Quantity
SEALS	Wire Seal Screw	10
SEALWN	Wire Seal Wing Nut	10
SEALC	Wire Seal Clip	10

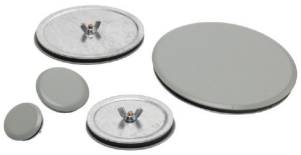


SEALS



SEALWN

Oil-Tight Hole Seals



Oil-Tight Hole Seals

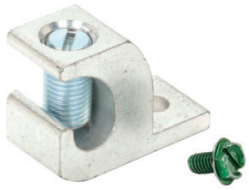
Protects knockout openings and extra pushbutton or conduit openings from dirt, oil, dust and water. Each hole seal has oil-resistant gasketing and plated stud and wing nut. Available in steel finished with ANSI 61 polyester powder or unpainted stainless steel.

Catalog Numbers		Application	Max. Hole Diameter	Hole Seal Diameter
Steel	Stainless			
SPBG	**SPBGSS**	Miniature Oil-Tight Pushbutton	0.88	1.22
SPB	**SPBSS**	Standard Oil-Tight Pushbutton	1.25	1.75
S050	**S050SS**	1/2" Conduit Holes	0.88	1.38
S075	**S075SS**	3/4" Conduit Holes	1.06	1.56
S100	**S100SS**	1" Conduit Holes	1.38	1.88
S125	**S125SS**	1 1/4" Conduit Holes	1.69	2.19
S150	**S150SS**	1 1/2" Conduit Holes	2.00	2.50
S200	**S200SS**	2" Conduit Holes	2.50	3.00
S250		2 1/2" Conduit Holes	3.00	3.50
S300		3" Conduit Holes	3.62	4.12
S350		3 1/2" Conduit Holes	4.12	4.62
S400		4" Conduit Holes	4.62	5.12

Ground Lug Kits

Grounding Lug Kits are intended to provide a means for equipment grounding for most enclosures. Lug sizes 1/0 and above have a "J" shaped design to lay-in wire and cable. The lug top and fastener are colored green to meet NEC standards for grounding fastener devices.





10184B

Catalog Number	Wire Range	Fastener
10184 A	#6 - #14 AWG CU/AL	#10-32
10184 B	1/0 - #14 AWG CU/AL	#10-32
10184 C	250 kcmil - 1/0 CU/AL	1/4"-20



10184C



10184A

Triplex Ground Connectors



Catalog Number	Description
ETB200	For 200A Lay-In Lugs

Touch-Up Paint



84032

Touch-up paint can be used to repair the finish of panels and enclosures. Paint is available in ANSI 61, ANSI 49 and White Enamel in 12oz. spray cans.

Catalog Number	Paint Color
84032	ANSI 49 Gray
84033	White Enamel
84034	ANSI 61 Gray

Notes

Before energizing

1) Give equipment a thorough visual examination to determine that:
   A) Proper clearances have been maintained
   B) All connections have been made
   C) Equipment is clean and dry

2) Make a thorough physical examination to verify:
   A) Tightness of all bolted connections – see table
   B) Manually operate all circuit breakers, switches, relays, etc.
   C) Check rigidity of all mountings, bus bars and components

3) All switches and circuit breakers should be in the off position

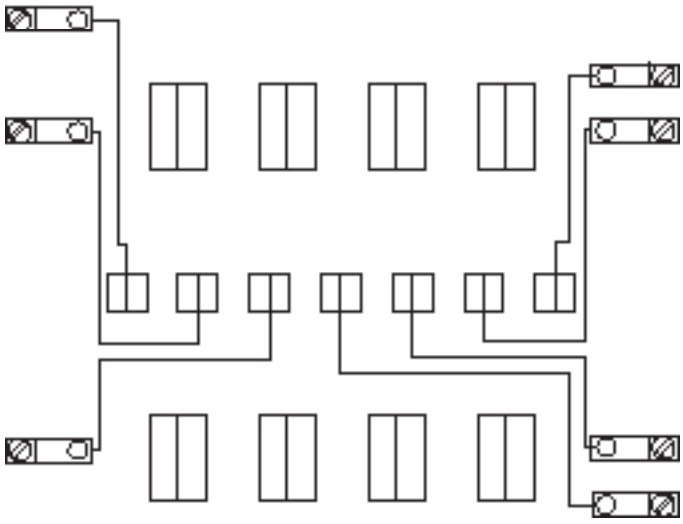
4) Mount covers and close doors

Recommend Torque Requirements

Screw Type	Screw Size	Torque	Tolerances
Slotted or Phillips	#10-32	30 in.-lbs.	5 in.-lbs.
	#12-24	38 in.-lbs.	5 in.-lbs.
	1/4"-20	45 in.-lbs.	5 in.-lbs.
	5/16"-18	60 in.-lbs.	5 in.-lbs.
Hex Head	1/4"-20	72 in.-lbs.	10 in.-lbs.
	5/16"-18	85 in.-lbs.	10 in.-lbs.
	3/8"-16	175 in.-lbs.	15 in.-lbs.
	7/16"-14	399 in.-lbs.	20 in.-lbs.
	1/2"-13	375 in.-lbs.	25 in.-lbs.

*Use 80-in-lbs. when threaded in aluminum bus connection.

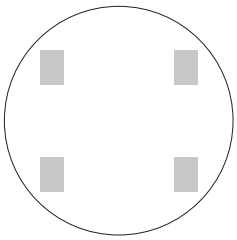
Internal Potential Wiring of 13, 14, & 15 Jaw Sockets



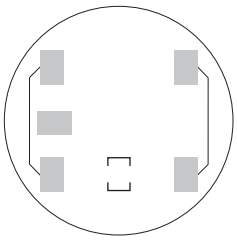
Front View

Location of Socket Jaws

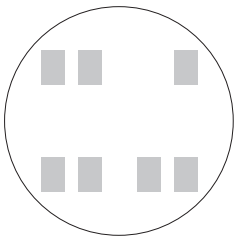
Self contained – 4, 5, and 7 terminal



4-Terminal
Form 1S & 2S

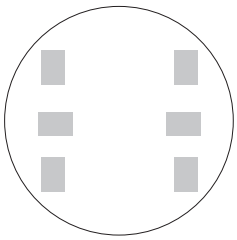


5-Terminal
Form 12S

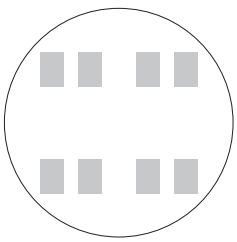


7-Terminal
Form 14S, 15S,
16S, 17S, 24S

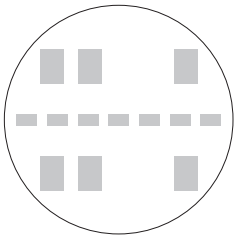
Transformer rated – 6, 8, 13 and 15 terminal



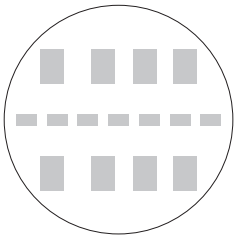
6-Terminal
Form 4S



8-Terminal
Form 5S, 35S, 45S



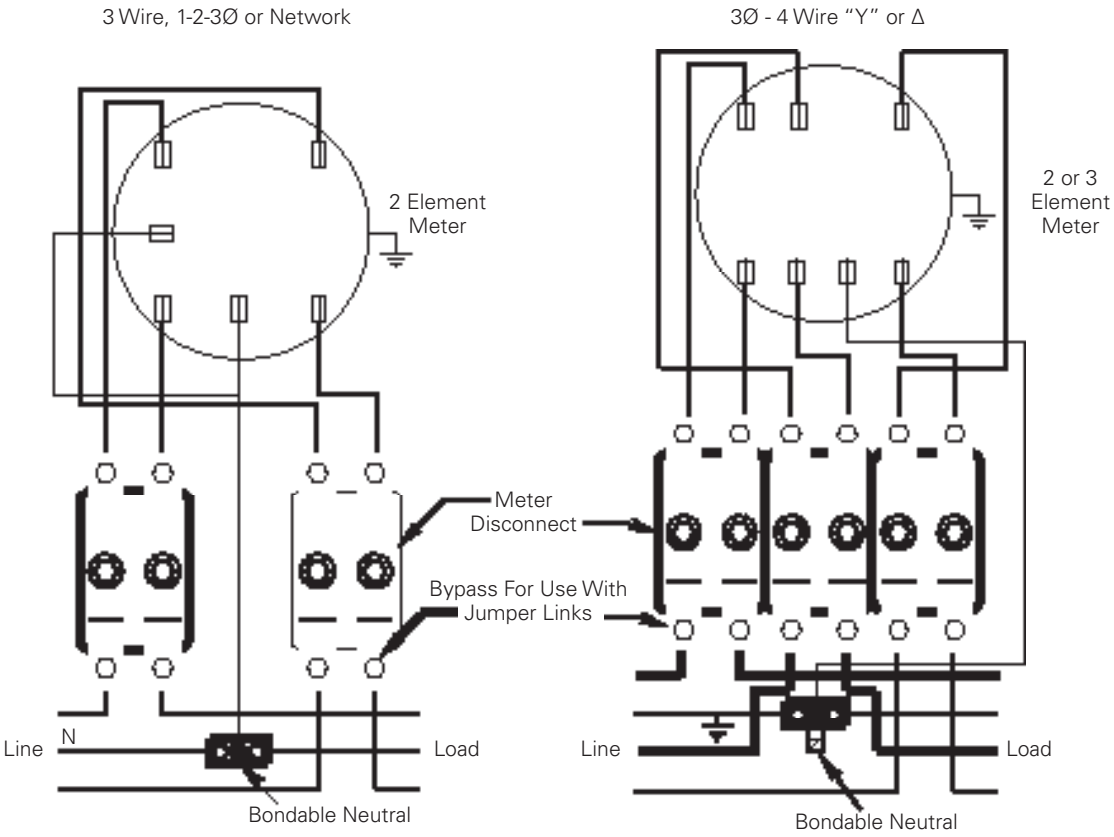
13-Terminal
Form 6S, 8S, 9S,
10S, 29S, 36S, 46S



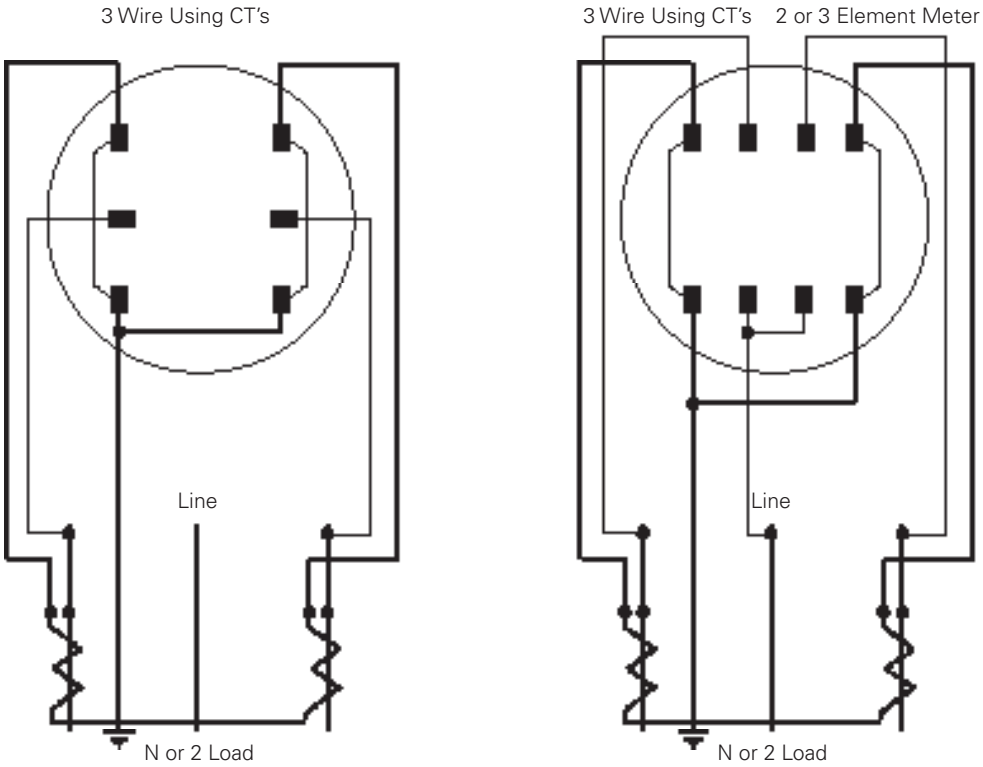
15-Terminal
Form 11S, 39S, 76S

Wiring Diagrams

With Safety Test By-Pass Blocks



Current Transformer Installations

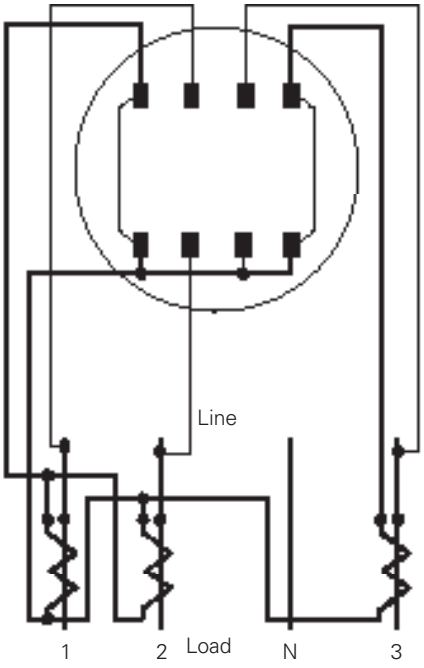


Data subject to change without notice. Consult local utility for area acceptance. All dimensions are in inches.

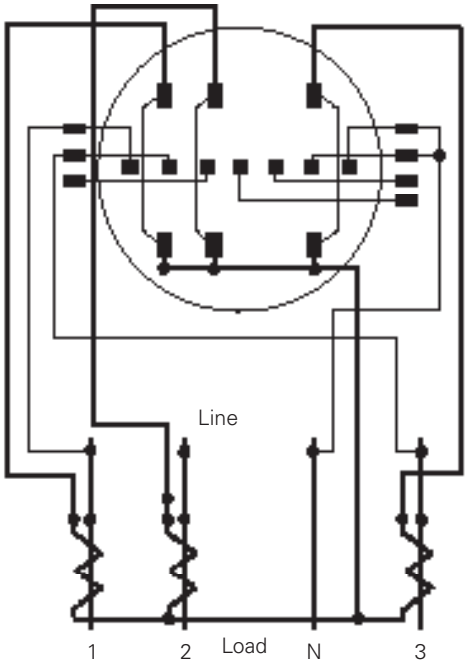
Wiring Diagrams

Current Transformer Installations

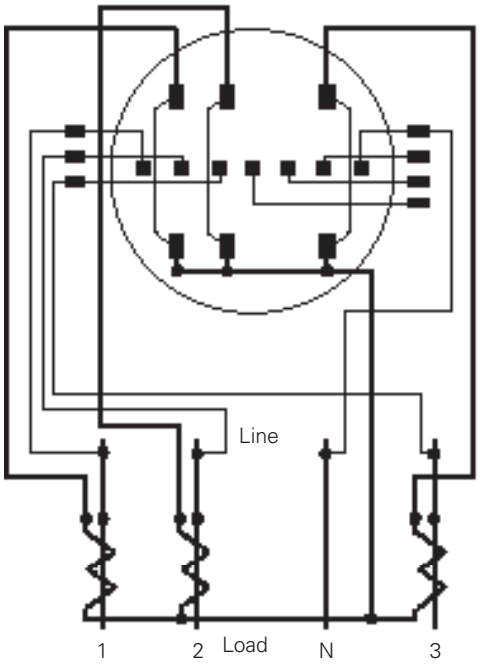
3Ø - 4Wire "Y" Using CT's
2 or 3 Element Meter



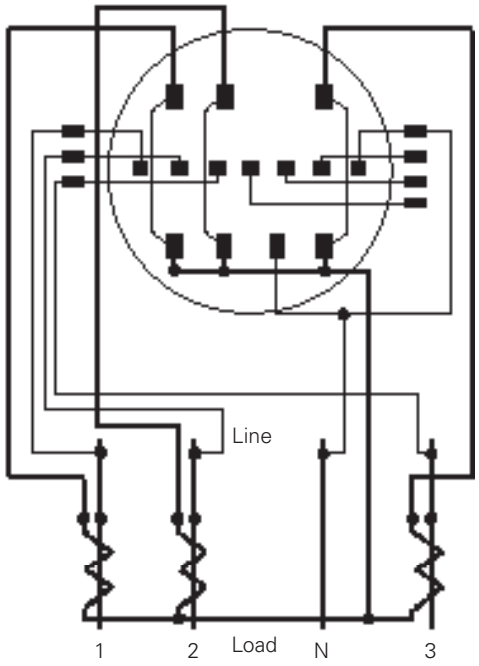
3Ø - 4Wire "Y" or Δ Using CT's
2 or 3 Element Meter



3Ø - 4Wire Δ Using CT's
2 Element Meter



3Ø - 4Wire Δ Using CT's
3 Element Meter



Bonding Jumper

Ampere Rating Not Exceeding	Size of Main Bonding Jumper (Minimum) [a,b,c]		Cross Section of Main Bonding Jumper in Square Inches (Minimum) [a,b,c]		Grounded Service Conductor (Minimum)	
	Copper	Aluminum	Copper	Aluminum	Copper	Aluminum
90	8	6	0.013 [d]	0.021 [d]	8	6
100	6	4	0.021 [d]	0.033 [d]	6	4
125	6	4	0.021 [d]	0.033 [d]	6	4
150	6	4	0.021 [e]	0.033 [e]	6	4
200	4	2	0.033 [e]	0.052 [e]	4	4
300	2	1/0	0.052 [f,g]	0.083 [f,g]	4	1/0
400	1/0 [h]	3/0 [h]	0.083 [g,h]	0.132 [g,h]	1/0	3/0 [h]
500	0	3/0	0.083	0.132	1/0	3/0
600	2/0	4/0	0.105	0.166	2/0	4/0
800	2/0	4/0	0.105	0.166	2/0	4/0
1000	3/0	250 kcmil	0.132	0.196	3/0	250 kcmil
1200	250 kcmil	300 kcmil	0.196	0.196	250 kcmil	250 kcmil
1600	300 kcmil	400 kcmil	0.236	0.314	300 kcmil	400 kcmil
2000	400 kcmil	500 kcmil	0.314	0.393	400 kcmil	500 kcmil

[a] The cross section may be reduced to 12.5 percent of the total cross section of the largest main service conductor(s) of the same material (copper or aluminum) for any phase on equipment rated 1200 amperes and above.

[b] For equipment rated 1200 amperes or more and that has wiring terminals intended to connect service conductor wires sized larger than 600 kcmil copper or 750 kcmil aluminum, the cross section of the main bonding jumper shall be at least 12.5 percent of the the total cross section of the largest main service entrance conductor(s) of the same material (copper or aluminum) for any phase.

[c] SI Equivalents:

[d] A No. 8 (4.2 mm diameter) or larger brass or No. 10 (4.8mm diameter) or larger steel screw may be used.

[e] A No. 10 or larger brass or steel screw may be used.

[f] A No. 10 or larger brass screw may be used.

[g] A 1/4 inch (6.4mm) diameter or larger brass or steel screw may be used.

[h] When the ampere rating is 400 and the wire terminal connectors for the main service conductors are rated for two No. 3/0 AWG copper or two No. 250 kcmil aluminum conductor, but will not accept a 600 kcmil conductor, these values may be reduced to No. 2 AWG (0.052 square inch) copper or No. 0 AWG (0.083 square inch) aluminum.

Wire Size, AWG	Min. Cross Section (MM^2)	Wire Size	Min. Cross Section (MM^2)
8	8.4	4/0	107
6	13.3	250 kcmil	126
4	21.2	200 kcmil	152
2	33.6	400 kcmil	203
1/0	53.5	500 kcmil	253
2/0	67.4	600 kcmil	304
3/0	85.0	750 kcmil	380

Short Circuit Current Ratings

The meter sockets shown in this section have certain short circuit current ratings when used in conformance with the tables below:

When used in conjunction with fuse or breaker	This meter socket is rated for use on a circuit capable of delivering not more than	At Volts Max.
Class 100 Meter Sockets		
100Amp class J, T, RK1 or RK5 fuse	100,000 RMS Symmetrical Amperes	600
100Amp Siemens type "HQP" circuit breaker	65,000* RMS Symmetrical Amperes	240
100Amp Westinghouse type "QHPX" circuit breaker	42,000* RMS Symmetrical Amperes	240
100Amp listed circuit breaker	25,000* RMS Symmetrical Amperes	240
Class 200 Meter Sockets		
200Amp class J or T fuse	200,000 RMS Symmetrical Amperes	600
200Amp class RK-1 fuse	42,000 RMS Symmetrical Amperes	480
200Amp Siemens type "HFD6" circuit breaker	42,000* RMS Symmetrical Amperes	240
200Amp Siemens type "HQR2" circuit breaker	42,000* RMS Symmetrical Amperes	240
200Amp Siemens type "QRH2" circuit breaker	22,000* RMS Symmetrical Amperes	240
200Amp West. type "CAH" circuit breaker	22,000* RMS Symmetrical Amperes	240
125Amp listed circuit breaker (1ø only)	22,000* RMS Symmetrical Amperes	240
200Amp listed circuit breaker	18,000* RMS Symmetrical Amperes	240
Class 320 Meter Sockets		
400Amp class J or T fuse	100,000* RMS Symmetrical Amperes	600
400Amp listed circuit breaker	18,000* RMS Symmetrical Amperes	240
125Amp listed circuit breaker	22,000* RMS Symmetrical Amperes	240
200Amp listed circuit breaker	18,000* RMS Symmetrical Amperes	240

*Not in excess of the circuit breaker interrupting rating
Note: This table does not apply to meter-breaker units or to CT rated sockets

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